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The Nursery Trade Journal of America

# AMERICAN FRUITS

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For the Nursery Trade and Allied Interests

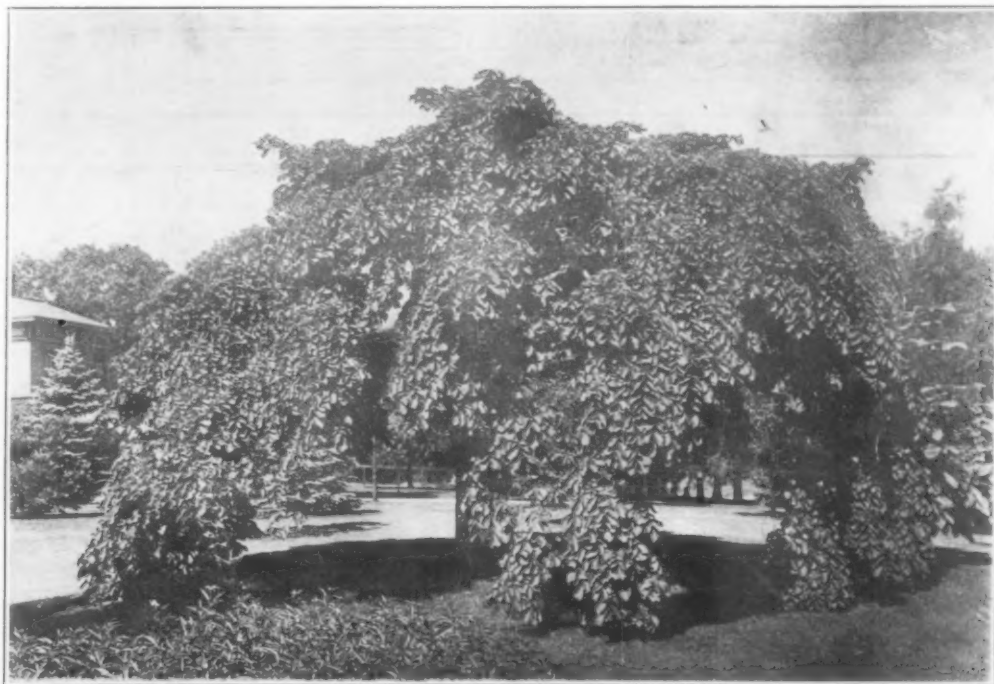
Vol. VI

OCTOBER, 1906

No. 1

## PAINESVILLE NURSERIES

Personal Inspection Cordially Invited—52 Years, 1200 Acres, 44 Greenhouses—The Great Modern,  
Up-to-date Nurseries of the United States



Camperdown Elm—Nurseries of Storrs & Harrison Co., Painesville, O.

Fruit, Nut and Ornamental Trees, Grape Vines, Small Fruits, Shrubs, Roses,  
Bulbs, Hardy and Greenhouse Plants

IN IMMENSE ASSORTMENT

Largest blocks of Field Grown Roses in the World. Catalogues and Price Lists Free.  
Pleased to quote prices on your list of wants.

**THE STORRS & HARRISON CO.**  
PAINESVILLE, OHIO

## TREES AT WHOLESALE

Lowest Prices Consistent with Quality

We Can Assure  
Our Customers  
of these Vital  
Requisites: {

HEALTHY,  
WELL-GROWN TREES  
PURITY OF VARIETY  
CAREFUL PACKING

58 Years Under the Same  
Management

We grow all kinds and varieties suitable for this  
climate, including—

APPLE	ORNAMENTAL TREES
PEAR	and SHRUBS
PLUM	ROSES
CHERRY	CLEMATIS and
PEACH	GREEN-HOUSE PLANTS

Send for Illustrated Catalogue with Full Cultural Directions  
Correspondence solicited.

**W. & T. SMITH CO.**

*The Geneva Nursery*

600 Castle St. GENEVA, N. Y.

# TREES

Fruit and Ornamental.

**Shrubs**  
**Evergreens**  
**Roses**  
**Hardy Plants**

All the Best and Hardiest Varieties. Largest and  
most varied Collections in America. Illustrated De-  
scriptive Catalogue (144 pages), also Descriptive List  
of Novelties and Specialties with beautiful colored  
plate of the New Hardy White Rose Frau Druschki,  
mailed **FREE** on request.

**ELLWANGER & BARRY,**

Nurserymen—Horticulturists,

MOUNT HOPE NURSERIES,

Established 1840.

Rochester, N. Y.

## SPECIALTIES

CHERRIES	MULBERRIES
PLUMS	WALNUTS (English and Japan)
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CAMELIAS	AZALEAS	GARDENIAS
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HEDGE PLANTS (IN LARGE QUANTITIES)

	CALIFORNIA PRIVET
CITRUS TRIFOLIATA	BERBERIS THUNBERGII
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LIBOCEDRUS DECURRENS	
JUNIPERS	RETINOSPORAS

ORANGES, LEMONS and OTHER CITRUS FRUIT

300,000 PALMS

KENTIAS	LATANIAS	PHOENIX
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FIELD GROWN ROSES (Own Roots and Budded)

No Scale and Everything Healthy and Well Grown

**P. J. Berckmans Company, Inc.**

FRUITLAND NURSERIES

Established 1856  
Over 450 Acres in Nursery

AUGUSTA, GA.

## New Haven Nurseries

**J. BAGBY & SONS CO.**

**NEW HAVEN, MO.**

**SURPLUS**

**3 YEAR APPLE,**  
very fine 3-4 and up.

**2 YEAR APPLE,**  
mostly in grades under 3-4.

**400,000 PEACH,**  
1 year from bud. All exceptionally well rooted.  
Varieties true.

**CHERRY, 2 year**  
**and KIEFFER PEAR,**  
in quantities.

Write us for prices on your wants.

All our Stock is grown at New Haven, Mo., 67 miles  
West of St. Louis.

St. Louis Freight Rates will Apply.

## Nursery Stock of all Kinds At Wholesale

Send list of wants for prices.  
We furnish and pack for dealers.  
We also grow June Budded Peach, Elberta, Carman, Belle of Georgia, Benford's late Salway, Etc.

We offer Apple and Peach in car lots for Fall Shipment. We can do you good. Write us.

**SOUTHERN NURSERY CO.**  
WINCHESTER, TENN.

ESTABLISHED 1870

## Parsons Wholesale Nurseries Parsons, Kan.

### Specialties Fall 1906

Big Blocks of Apple, Peach, Apricot and Japan Plum. Fine Root Cutting Early Harvest Blackberry by the 100,000. Ornamental Trees, Shrubs, Evergreens etc. *Write for Prices*

E. P. Bernardin, Parsons, Kans.

## CHARLES M. PETERS

Formerly of W. M. Peters' Sons,

### OFFERS

## One Million Grape Vines

One and Two Years Old.

For Fall 1906 and Spring of 1907 delivery. Varieties in greatest quantity—Moore's Early, Concord and Niagara. Other varieties in limited quantity.

My soil I find specially adapted to making plenty of fibrous roots and plenty of vine. A trial order will convince you that my grading, quality and price will be satisfactory. It is now my intention to make the growing of Grape Vines a specialty. Correspondence solicited.

**CHARLES M. PETERS,**

P. O. Address, SNOW HILL, MD.  
Long Distance Phone and Telegraph, Snow Hill, Md.

## PEACH SEED

Mountain Grown Naturals

Grown in the Mountains of North Carolina.  
Don't buy without getting our prices and seeing a sample of our seed.

**Pinnacle Seed and Nursery Co.**  
ROCHESTER, N. Y.

## BARGAINS

In APPLE TREES

## BARGAINS

In STANDARD PEARS and Other Stock

If interested, write to, or call upon

**SEARS, HENRY & COMPANY**  
Geneva, New York

We Offer for Fall or Spring Delivery  
the following

## Forest Tree Seedlings

All will be Well Graded and Neatly Tied in Bunches of 100

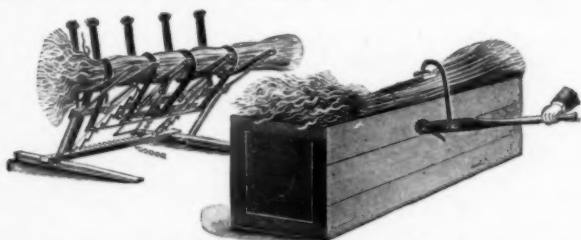
4,000,000 Black Locust,	sizes—8-12, 12-18, 18-24, 24-36 inches.
500,000 Box Elder,	" " " " " "
1,000,000 White Elm,	" " " " " "
500,000 Hardy Catalpa,	" " " " " "
200,000 Soft Maple,	" " " " " "
700,000 Russ. Mulberry,	" " " " " "
75,000 Golden Willows,	" —2-3 ft. and 3-4 ft.
200,000 Golden Willow Cuttings,	

We also have a large stock of Shade Trees, which we can furnish in car lots. Prices will be right. We make them ourselves.

## German Nurseries

Carl Sonderegger, Prop.

BEATRICE, NEB.



THOMAS TREE BALER AND BOX CLAMP

### Speer Grafting Machine

Smoothing Harrow, Best Digging Spade, Bud Transplanter, other good Tools for Nurserymen.

E. G. Mendenhall, General Agent  
Box 320 Kinmundy, Ill.

## Carolina Poplar

If you want Ten Trees or a Car-Load Write us.

We also have Maple, Apple, Peach and a General Line of Stock.

**Giles County Nursery Co.**  
Pulaski, Tenn.



## GOOD TREES

at BARGAIN PRICES!

APPLE	PEACH
CHERRY	PEAR
PLUM	QUINCE

We also have at all times an especially fine line of EVERGREENS, ORNAMENTAL TREES AND SHRUBS.

Will also have in quantity the following Forest Seedlings—BLACK LOCUST, CATALPA SPECIOSA AND OSAGE ORANGE.

Tell us what you want and  
we'll make our prices interesting

**THE GEORGE PETERS NURSERY CO.**  
TROY, OHIO

WE OFFER  
FOR FALL 1906 AND SPRING 1907

**APPLE TREES**  
**CHERRY TREES**  
**PEACH TREES**  
**PLUM TREES**

## Apple Seedlings

AND

## Apple Grafts

Try our Apple Trees and Apple Seedlings grown on our new land up the river. You will like our Apple Grafts worked on these clean rooted seedlings.

**L. R. TAYLOR & SONS**  
TOPEKA, KAN.

## French Nursery Stocks

**Fruit Tree Seedlings and Ornamentals**

Pear, Apple, Plum and Cherry and Angers Quince Cuttings grown for the American trade.  
Pear and Crab Apple Seeds.  
Most complete assortment of Ornamental Stocks, Trees and Shrubs.  
Dutch bulbs—Gladstoll.  
Orders solicited and booked now at low rates.

**E. T. DICKINSON**  
Chatenay, Seine, France

GEO. E. DICKINSON, 1 Broadway, New York

## THE Willadean Nurseries

*Offer for Fall 1906*

A very complete line of Fruit, Shade, Ornamental and Weeping Trees, Shrubs, Roses and Herbaceous Plants, Seedlings and Tree Seeds.

Special Prices on the following: Black Locust Seedlings, Snowballs, Hydrangeas, Altheas, Spireas in variety, Berberries and other Shrubs. American Linden, Ash, Elms, Maples, Sycamores and Tulip Trees. All sizes.

Trade List Mailed on Application

**THE DONALDSON COMPANY**  
Warsaw, Ky.

## Special Bargain

Car load lots, or less, Carolina Poplar, all sizes;  
Tulip Poplar and Volga Poplar.

### PEACH

One year, general assortment.

### PLUM

One and two year, Japan and European.

### CHERRY

One year, very fine.

**Standard Pear, Apricots, Apple, Etc.**

### 75,000 RHUBARB

Two year, extra fine.

### 6,000 H. P. ROSES

### WEeping MULBERRY

One and two year, very fine.

*Send Us a List of Your Wants for Prices*

## Vincennes Nurseries

W. C. REED, Proprietor

**VINCENNES, INDIANA**

# American Fruits

## Chief International Journal of the Nursery Trade

Entered August 4, 1904, at Rochester, N. Y. Post Office as second-class mail matter

Vol. VI

ROCHESTER, N. Y., OCTOBER, 1906

No. 1

### FINE FRUIT COLOR

**President of Apple Growers' Congress Notes Especially Marked Results Just When Southern Illinois Orchards Appeared to be in Great Danger of Damage by Bitter Rot—Practical Observations on Marketing the Apple Crop**

HENRY M. DUNLAP, Illinois.

The warm weather of August with local showers brought on an attack of bitter rot in some orchards in Southern Illinois and in those special orchards, mostly neglected ones, the rot did fair to do a great deal of harm. Some fearing the rot shook their apples down and took them to the evaporator. The cool weather which has prevailed since a week ago Sunday, August 26th, has checked the rot and put a handsome color on the fruit. I never saw more color on the apples at this season than now. The rot has ceased and no further danger is anticipated from it as the season is too far advanced to do much harm.

The picking of the Jonathan crop will commence Monday, September 10th. The crop of Jonathans is only moderate in quantity, but little more than last year.

The best asset to have in marketing an apple crop is good fruit. Spraying should be combined with clean culture and judicious pruning. A man may be both a grower and a seller, but the combination is seldom a success. I know, for I have tried both. For the average grower I would advise dealing with an honest commission broker.

In the East, fruit is almost always packed by the grower and is sold for so much on board cars at shipping point. This relieves the buyer of a great deal of annoying work and he can give his time to selling the fruit, and his other business.

The apple grower of the West, or rather the Middle West, where we are, has the packing business to learn. But the sooner he does learn it the more profitable will it be for him. We have much to learn. The points usually in evidence are: Loose packing, bad sorting, poor facing, rough handling, pulling instead of picking fruit.

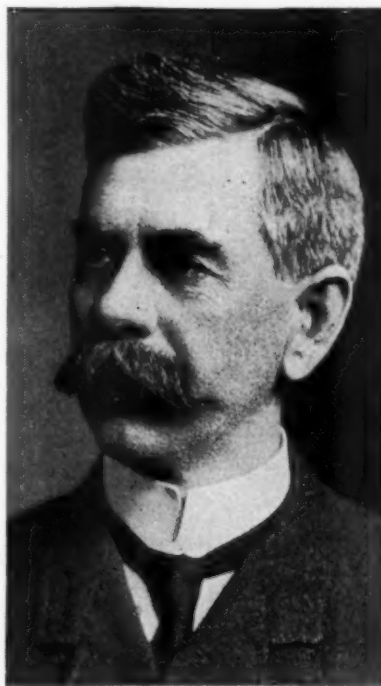
### AFTER TEXAS FRUIT LANDS

The Barstow country, Texas, where the now famous Barstow grape hangs in great purple clusters from the vine is attracting much attention and the lands there under the irrigation ditches are being sought after.

Recently a party of five young men, George Wilhelm, Egbert Stanley, John Fletcher, Clay Reynolds and George Wintersmith, all from Logan county, Kentucky, were in Fort Worth en route to Barstow to investigate the vineyards and orchards while the fruit is ripe on the vine and trees and if they find things as they have been represented they will each purchase a forty acre tract of land under the ditches and engage in fruit farming.

### THE APPLE CROP

A dispatch from Medina, N. Y., says: The fruit prospects in this section so far as quality is concerned are excellent and the apple crop will be perhaps a third larger than last year. As usual, there is a dispute between the growers and the buyers as to what the price should be, based on the crop elsewhere. The buyers quote the fact that Kansas, Missouri and some other Central Western points have large prospects. However, Clark Allis, owner of large orchards in this vicinity, who has but recently returned from that



HENRY M. DUNLAP  
President Apple Growers Congress

section, where he made a thorough inspection, says that while the crop is of good size, he was in but one orchard during his travels where bitter rot was not present. This being the case, the Western apple crop will cut but small figure in making the price this year.

### ESSENTIALS IN SPRAYING

Essentials for success in spraying are thus summarized by Prof. S. W. Fletcher of the Michigan Agricultural College:

1. Thoroughness. Half-hearted careless spraying is usually of no value whatever. Better not spray at all than to spray carelessly.
2. Know what you are spraying for; know its life history so that you can spray at the right time. There is no use in spraying unless you know what you are trying to hit. The Experiment Station bulletins will inform you on this point.
3. Use pure and fresh materials, properly prepared. However, most of the poor results from spraying that are attributed to adulterated materials are really due to careless application.

### OKLAHOMA'S PROSPECTS

**J. A. Lopeman, Nurseryman, of Enid, Comments Upon Bright Outlook—He Has Been Touring the State—Demand for Nursery Stock Greater Than Supply and Prices Will Tend Upward—Great Fruit State Soon.**

J. A. Lopeman was in Guthrie yesterday on his way to his home at Enid from a trip of a couple of weeks to a number of points in the south and west part of Oklahoma, says an Oklahoma exchange. Mr. Lopeman has been engaged in the nursery business in his present location for the past thirteen years, and has made a success of the business and is in a position to speak intelligently of the fruit conditions and prospects in the new state. Mr. Lopeman has a nursery of 160 acres and grows his own seedlings and buds and grafts them right at home. He says that Oklahoma is destined to be one of the greatest fruit states of the union and that it is up to the farmers and land owners to develop the industry.

Mr. Lopeman added that during his trip he learned that the demand for nursery stock would be greater than the supply for the coming fall and the tendency of prices would be upward. It will be but a short time until Oklahoma will be recognized as one of the great fruit producing centers of the United States. The soil and climate are both right and good selections well cared for will bring good returns to the grower. The sandy loam, in all parts of the state, is well adapted to fruit, and that with the red subsoil is especially good for peaches, as the color is fine when grown on such land.

### APPLE EXPORT TRADE

Mahlon Terhune, freight broker and forwarding agent, has issued a report on apple exports for the season 1905-1906. From July 1905, to May, 1906, there were shipped from New York 609,847 barrels; from Boston, 440,440; Montreal, 551,914; Portland, 247,516; Halifax, 312,801; St. John, 23,613; making a total of 2,186,131 barrels.

The principal ports to which these shipments went were Liverpool, with 943,652 barrels; London, 486,657; Glasgow, 351,375; Hamburg, 180,795; Manchester, 69,819; Bremen, 19,212; Havre, 81,286; Hull, 25,261, and various others, 28,074.

Comparative export figures for the year 1904-1905 were: New York, 654,443 barrels; Boston, 680,398; Montreal, 375,085; Portland, 304,921; Halifax and St. John, 372,369. Ports of import were: Liverpool, 1,130,220; London, 552,692; Glasgow, 394,090; Hamburg, 158,568, and various others 176,053, making a total of 2,411,623 barrels, or 225,492 more than during the season ending May of this year.

Wayne County, N. Y., Fruit Company, Lyons, has been formed with \$50,000 capital, by Elisha Curtiss and others, to evaporate fruit on a large scale.



## ALONG PACIFIC COAST

### NOTED EXPERIMENTAL ORCHARD

**Connected With Chico Nursery in California—Established Half a Century Ago by General John Bidwell—Four Hundred Varieties of Fruit Trees—Two Thousand Acres—Home of the Noted Sir Joseph Hooker Oak,**

The Chico Nursery Company is located at Chico, Butte county, California, half a mile from the Southern Pacific depot. The town of Chico is on the main line of the California and Oregon division of this railroad, 186 miles north of San Francisco and 96 miles north of Sacramento, the capital of the state. Its transportation is served daily by through express and freights, as well as by local trains; steamers on the Sacramento river make regular trips to Chico Landing and the City of Sacramento. The Chico Nursery Company is the successor of the Rancho Chico Nursery established in 1852 by General John Bidwell.

Among the earliest pioneers coming to the Pacific Coast was the late General Bidwell. He arrived in California in 1841, then a young man of 21. Shortly after his arrival, he acquired the famous Rancho del Arroyo Chico, and so laid the foundation of the most famous ranch in the state of California, and perhaps the greatest fruit ranch in the world.

In his experimental orchard are to be found more than 400 varieties of fruit trees in bearing. So great was his zeal and confidence in the fruit industry that in the early fifties he rode on horseback from the Rancho Chico to the old Spanish Mission of San Luis Rey, a distance of more than 500 miles, to procure the trees for his first orchard, and since that date, with each recurring year, he has added to his orchard extension, until now 2,000 acres of thrifty and productive fruit trees beautify and enrich this wonderful property. Here are to be found almost every variety of fruits and nuts that will grow in temperate and semi-tropic climates.

The great English botanist, Sir Joseph Hooker, once visited General Bidwell and stated that England and California are peculiarly the home of the oak. He said he had seen all the oaks famous for their size in England, and that the one on the Rancho Chico is larger than any in that country. General Bidwell paid him the compliment of naming the oak after him. It is now known extensively as the Sir Joseph Hooker Oak and is seen by many travelers.

The United States Plant Introduction Gardens are located at Chico, and to these gardens, under the charge of P. H. Dorsett, are sent all new varieties secured from all over the world for testing in this country. In securing the Introduction Gardens for Chico, no other point had greater weight than the great number of varieties grown on the Bidwell experimental grounds, of both fruits and ornamentals, proving the adaptability of Chico soil and climate to introducing varieties of almost all descriptions.

F. W. Power and Mr. Bouillard assumed the management of this company in 1903, and it is now one of the largest nurseries in California; its salesmen cover almost

the entire field west of the Rocky Mountains, doing business as far north as British Columbia and as far south as Texas.

### TWO TRAINLOADS FOR ENGLAND

Sixty thousand barrels of apples will be stored in Springfield, Mo., this fall by Greene county growers, every available

### MISSOURI APPLE GROWERS

About 100 apple-growers, representing most of the counties of the Fourth Congressional District, with several growers from DeKalb county, met in St. Joseph, Mo., early last month to discuss the marketing of the large apple crop promised for this year. Among the largest growers present were J. J. Burgess of Platte county, who will have perhaps 15,000 barrels of apples; B. F. Stuart of Rushville, who has a very fine crop; Joseph H. Murray of Holt county, representing large orchards; W. D. Maxwell of Andrew county, and many others.



GENERAL, AND MRS. JOHN BIDWELL.

foot of storage space having been engaged. The fruit growers of the Ozarks believe that apples will be much higher during the winter. The Ozark Fruit Growers' Association met at Rogers, Ark., to make plans to market the immense crop. Ten representatives of the association are in the southern states and the southwest territory trying to dispose of the surplus crop. The association has already arranged to ship two train loads of choice Jonathans and Ben Davis apples to England. There is no scarcity of barrels.

The growers had reports to the effect that this year's crop for the United States will amount to about 55,000,000 or 60,000,000 barrels, or about two and a half times as great a crop as was marketed last year. On the basis of this crop, the growers believe that the fruit ought to bring about \$1 per barrel for the apples, on the trees, the buyer to pay for picking and packing and furnish the barrels.

J. L. Todd & Son have rented an 80-acre tract and will start a nursery for small fruits at Woodward, Ia.

## NURSERY TRADE BRISK

Editor AMERICAN FRUITS:

We never saw the demand for nursery stock open up so soon and have such a persistent tendency as it has so far this season. We have sold very close on many items already and do not see where all of the stock is going to come from to fill orders for the spring sales.

J. K. HENBY &amp; SON.

Greenfield, Ind., Sept. 20, 1906.

## ADOPTS WESTERN CLASSIFICATION

Editor AMERICAN FRUITS:

We are pleased to report that the Iowa State Railway Commission has granted our petition and will adopt the Western Classification, as it applies to the nursery business. This I think will be quite a saving to the Iowa nurserymen.

We have had this matter up with the commission for some time and desire to thank J. W. Hill and Captain C. L. Watrous for their assistance in securing the above changes.

W. C. REED,

Chairman Transportation Committee,  
American Association of Nurserymen.

## LARGEST PECAN NURSERY

"The Pecan Tree: How to Plant, Grow and Buy It," is the title of a valuable booklet issued by the G. M. Pecan Co., Inc., DeWitt, Ga. It is beautifully illustrated and is filled with information regarding this important and rapid-growing industry. The G. M. Bacon Pecan Co. has a 700-acre pecan grove and also the largest pecan nursery in the world, comprising more than one million trees of twenty-seven of the leading standard and paper shell varieties.

## RECOGNIZED FOR A LONG TIME

W. W. STANLEY, STANLEY NURSERY, Campbell, Mo.—"I have for a long time recognized AMERICAN FRUITS as a valuable Nursery Journal, one that every nurseryman should have on his desk."

## PUT ME DOWN FOR TWO YEARS

S. B. HUESTED, Blauvelt, N. Y.—"Put me down for two years' subscription. Here is \$1."

Kent W. Hood, son of W. T. Hood, Richmond, Va., called on Rochester nurserymen during his tour of northern states last month. He was especially interested in arrangements for packing at the larger nurseries.

Carl A. Basedow of Ph. Astheimer & Son, Hamburg, arrived in the United States last month and will remain during the apple season, making his headquarters at 76 Park place, New York. Mr. Basedow expressed the opinion that there would be a good apple export business to Germany if prices were upon the proper level.

A suit has been filed in the U. S. Circuit Court at New York against the United Fruit Co., by the American Banana Company of Mobile, Ala., in which it is alleged that the defendant has violated the Sherman Anti-Trust law and has prevented the plaintiff from engaging in the fruit business, damaging it \$2,000,000, for which it claims treble damage of \$6,000,000.

It is estimated that the California prune crop will amount to between 160,000,000 and 200,000,000 pounds, against 52,500,000 pounds last year.

The California Pear Growers' Association has been formed for the purpose of fighting the blight under the system advocated by the United States Department of Agriculture. Professor Waite of Washington, addressed the members. Alden Anderson, of Sacramento, is president.

## PLAIN TALK BY MR. HALE

J. H. Hale, the Georgia peach king, in a communication to the Fruit Trade Journal of New York, says:

Friend Withoft, of Dayton, Ohio, on page 6 of your issue of August 11th, certainly does mop the floor with poor little me, for venturing to remark that the Georgia peach season of 1906 had been an unprofitable one.

People conversant with the market season this year know full well that checks did not average that size all through the season just past, and the fact that friend Withoft says that both the Ohio and the Albaugh orchards sold the few cars they had at big prices and so made money, does not alter the fact that the average of the state was below the line of profit, and so it was a losing game the season 1906, just as it was in 1905.

A letter now on my desk gives the returns of one small sixty acre orchard for the past four crop seasons as follows: \$2,000, \$2,250, \$1,080 and \$3,898. This last item looks just as much like profit as did most other returns that went back to the orchardist this season.

The Hale orchard sold car lots in Georgia this year at an f. o. b. price of \$1.35 per crate, and car loads in market at \$2.50, \$2.75 and \$3.00 per crate, yet that was not the average and did not prevent the Georgia peach business as a whole from being unprofitable.

I may have planted my trees "too thick," as friend Withoft says; I may not know how to give the intelligent feeding, pruning and cul-

## GREATEST BANANA PORT

United Fruit Company's Manager Gives Figures for New Orleans Imports — 10,000,000 Bunches of Bananas and 80,000,000 Cocoanuts for the Year—Forty Fruit Steamers in Commission by One Company.

C. H. ELLIS, New Orleans

Manager United States Fruit Co.

The importations of tropical fruits into the port of New Orleans for the year 1906 bid fair to exceed the receipts of any previous year. The annual receipts of bananas and cocoanuts at this port for the past two years was 9,000,000 bunches of bananas and 70,000,000 cocoanuts for the year 1904, and 7,000,000 bunches of bananas and 60,000,000 cocoanuts for the year 1905; the shrinkage in receipts of 1905 is accounted for by severe quarantine restrictions, which diverted the banana and cocoanut business from this port to other points. The importation for the present year is expected to reach 10,000,000 bunches bananas and 80,000,000 cocoanuts.

New Orleans continues to enjoy the dis-



SIR JOSEPH HOOKER OAK  
Chico Nurseries, Chico, Cal.

ture that he does, and "cheap fertilizers for tree growth" may be running the Hale orchard to the dogs; if so, please pass along another "Dog," for even with our lack of intelligent up-to-date methods, the orchard has shipped over 1,000 car loads of peaches the past seven years, or more than double that of any orchard in the state.

It is from carefully figured cost of production, cost of harvesting, cost of crates and baskets, and labor of packing on these 1,000 cars, over a period of seven years that I am able to state that it actually costs \$300 or more to place a car of Georgia peaches on the northern markets, though, of course, orchards like the Ohio and the Albaugh, that send out much less fruit, may be able in a small way to somewhat curtail their expenses and so have a little less cost per car.

To be sure bad weather at harvest season had much to do with this year's losses, but just suppose all the trees should give a full crop in the best of weather, such a great flood of fruit could not find a profitable market.

Lower freight rates, better and cheaper refrigeration and less expensive crates or baskets, would help the situation greatly.

Although the fruit shipments from California to Eastern points have been 958 cars short this year in comparison with the shipments of 1905, still the fact that the fruit was better matured and of better quality than usual has caused higher prices.

tion of being the largest banana port in the world, and there are now employed in the tropical fruit trade into this port about forty steamers, of which the United Fruit Company have thirty, the remaining ten being distributed among the Planters' Steamship Company, Caccaro Bros. & Co., S. Oteri & Co., and John B. Cefalu & Bro. The tendency in the business, as heretofore, is to build larger and faster steamers, and the handling of fruit by refrigeration, which insures its reaching destination in almost the same condition in which it was when first harvested from the banana farms in Central America.

The quarantine regulations governing the fruit vessels from Central America is the greatest drawback to the business, and if in the course of time science can employ such methods to carry on the business without so much delay New Orleans will in a period of five years, double its business from that section.

The United Fruit Company declared the regular quarterly dividend of 1% per cent., payable October 15th to stock of record September 28th.



## COMMERCIAL ORCHARDS

### FIELD OF A MILLION PEELED PEACHES

Scene at a Great Fruit Drying Establishment in Fresno, California—A Thousand Tons of Dried Fruit Are Shipped Yearly From the Heart of the San Joaquin Valley—Peaches in Long Trays are Dried Under the Hot Sun Where There is Little or no Rain—Precedes Raisin Season

[Special Correspondence of AMERICAN FRUITS by FELIX J. KOCH.]

One of the most curious sights of the many afforded by our own West is that of a million peeled peaches—ready to eat—seemingly going to waste, out in the sun, on long wooden trays. As a matter of fact, the peaches are but one phase of the great fruit-drying industry of this section, and at Fresno—the heart of the fruit country, next only to the Santa Clara Valley—the dried fruits, such as peaches and apples, form a lucrative employment prior to the greater raisin season.

Something like a thousand tons of these dried fruit, it is estimated, leave the heart of the San Joaquin Valley every year, and the greater part of it is to be seen drying in the orchards at one time.

Peeling time is a merry time in this part of the United States, women and girls especially enjoying getting about the long trestle-tables under the trees and gossiping of the news of the country-side, while the fruit is pitted, or put into shape, for the hot summer sun to dry.

#### IRRIGATES 13,600 ACRES

Washington, July 23.—The United States reclamation service has just passed its fourth birthday, and that it is a vigorous infant is shown by a summary of the work accomplished in its brief existence.

Work is now under way on 22 projects and 13,600 acres of land have been irrigated. Up to July 1st, 241 miles of main canal, 116 miles of distributing system and 388 miles of ditches had been constructed, including dams and headworks. Tunnels having a total length of more than five and one-half miles have been driven, including two and one-half miles of the great Gunnison tunnel in Colorado.

The works have called for the excavation of 17,403,213 cubic yards of earth and rock, the laying of 134,446 cubic yards of concrete, 124,901 square yards of riprap and paving; 42,947 linear feet of piling have been driven. There have been purchased 1,873 tons of iron and steel, 7,347, 312 feet, board measure, of lumber and 559,423 barrels of cement.

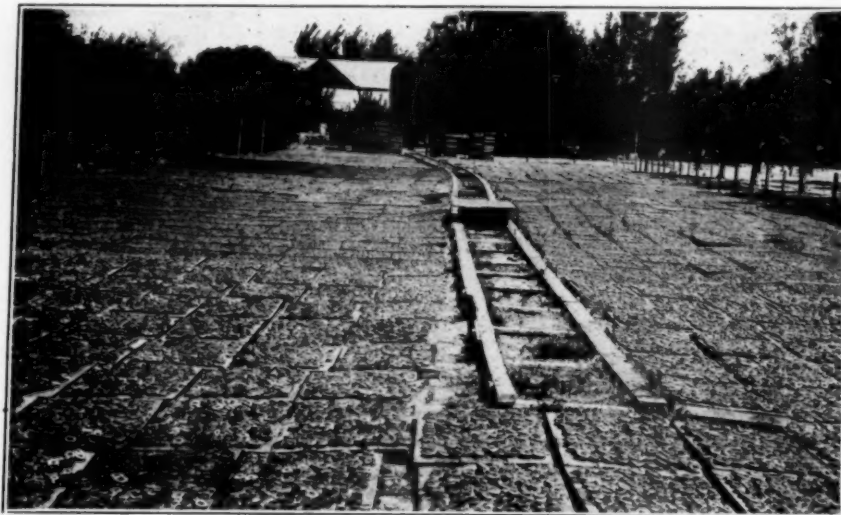
The executive committee of the Michigan Horticultural Society has decided to hold the annual meeting of the organization in Benton Harbor in December. Invitation for the meeting was by the Berrien County Horticultural Society.

During the course of their investigations in the last fruit season, the experts of the bureau of plant industry developed a new citrange, or hardy orange, two new limes and five new pine-apples. It is clearly impossible for the department to test these plants commercially, and it is possible that some of these new varieties may prove disappointing. The department, therefore, cautions growers against planting new varieties exclusively until they have been thoroughly tested and their full commercial value determined.

#### CROP WORTH \$3,000,000

This year's crop of apples in Missouri, Arkansas and Oklahoma will be exceedingly large. That it will be the largest ever produced is the prediction of F. C. Dumbeck, assistant general freight agent of the St. Louis and San Francisco Railway.

He says that 4,000 more cars will be required this year than ever before to move the product of the apple orchards of these



SCENE AT GREAT FRUIT DRYING ESTABLISHMENT  
Fresno, Cal.

three states. About 10,000 cars will be needed.

Sixty per cent. of the crop is in Southern Missouri, "The land of the big red apple." Mr. Dumbeck's estimate from the growers places the value of the apple crop at \$3,000,000.

The Arkansas Fruit Company of Fort Smith has been formed with H. W. Collier, president; W. B. Putman, vice-president, and F. B. Luber, secretary-treasurer. The capital stock is \$25,000, all subscribed.

The Virginia Experiment Station experts recently conceived the idea of grafting the choice varieties of apple upon dwarf stocks, which they are certain will not increase in growth sufficient to interfere with the plans for their care and cultivation.

The annual inspection of the nurseries of Texas is in progress. The present inspector is A. W. Orr. It is suggested by Commissioner of Agriculture W. J. Clay that a license should be charged the nurserymen and that the inspectors should be paid by the state.

"Never was the fruit crop in the Yakima valley, Wash., as clean and free from pests as it is this year," said J. Remey, the widely-known grower, recently. "This result is entirely due to thorough spraying. The apple crop is particularly free from disease."

### H. HAROLD HUME'S PLANS

On Monday, August 20th, H. Harold Hume, well known throughout Florida and the south as an authority on horticultural subjects returned to Florida, to make the state his home permanently. He will be associated with G. L. Taber, in the Glen Saint Mary Nurseries at Glen Saint Mary, Florida, a nursery concern which for a quarter of a century has enjoyed the confidence and patronage of southern horticulturists. His connection with Mr. Taber's nurseries will add prestige to the business and his record is a token of what may be expected from that concern.

News of Professor Hume's return to Florida will be welcome to the many fruit growers and nurserymen of the South. From 1899 to 1904, Professor Hume was horticulturist of the Florida Experiment Station and professor of horticulture in

the University of Florida. Since that time he has been horticulturist to the North Carolina Department of Agriculture and Experiment Station.

S. Scheer, the veteran nurseryman of Pilot Knob, Kan., recently presented to the Leavenworth, Kan., Post a peach measuring ten inches in circumference. He has an orchard of 1,000 trees and will plant 500 more next spring.

With a prospect for a crop of good apples, as well as a good apple crop, in most sections of the state, the exhibit of fruit at the annual meeting of the Illinois State Horticultural Society, to be held at Champaign, December 12th to 14th, 1906, should be even larger and better than usual. The premiums offered are liberal. L. R. Bryant, Princeton, Ill., is the secretary; George J. Foster, Normal, is president.

One of the most remarkable crops of fruit ever raised in Southeastern Nebraska is now being harvested, says a Tecumseh, Neb., dispatch under date of September 2d. Tons of peaches, grapes and apples are being shipped from Johnson and near-by counties to Western Nebraska towns. The westernbound express trains are delayed from twenty to thirty minutes each day loading fruit at this station. At the present time peaches constitute the bulk of the shipments, and they will be shipped daily for at least three more weeks.



## CULTURAL METHODS

### RESULT OF SPRAYING

**C. H. Williamson Cites Marked Examples of Value of Care in Orchard—San Jose Scale Affects His Own Trees—Scab in Western Missouri Orchards—Fungus in all Apple Belts—Codling Moth.**

JAS. HANDLY, Quincy, Ill.

The fourth open air meeting of the Mississippi Valley Apple Growers' Association for this year was held in the orchard of C. M. Fette, near Hannibal, Mo. The meeting was called to order by C. H. Williamson, president, who congratulated the large number of apple growers in attendance on the abundant, perhaps too abundant, crop. Evidently there would be a reward for the careful orchardist who had closely watched his trees during the changes in the passing seasons.

Those who made observations of their orchards on the first of July, perhaps did not see much difference in the prospects between the cultivated and uncultivated, but the view in this respect was delusive, for the developments of the past thirty or forty days discloses a marked difference in such orchards. Eternal vigilance is the price that must be paid for growing apples successfully. He acknowledged that he had made some mistakes in not being more careful in warding off the ravages of the San Jose scale. He had discovered the San Jose scale had wrought damages that could easily have been avoided had he taken proper precautions.

The San Jose scale is a persistent and industrious enemy, as a pair of such scales produce 2,000,000 of progeny in a season. We must spray if we expect a satisfactory harvest. In early sprayings use vitriol to prevent scab. He referred to an orchard of 1,000 trees in Western Missouri, and not one of them are free from scab. There is an alarming frequency of fungus in all apple belts and it seems we never can face a year without seeing the codling moth. In Kansas several orchards have faded away before the ravages of the codling moth. Where careful orchards will have 50 to 60 per cent. or more of a crop this year, indications are that the careless apple grower will not gather more than 15 or 20 per cent. of a harvest. He, however, hoped that none would be discouraged and that finally all efforts will be richly rewarded.

The first car load of Florida oranges of this season was shipped from Palmetto, September 5th. This is three days earlier than ever before in the history of the industry. The shipment consisted of 300 boxes.

Crop estimates for the year of 1906-07 show a notable increase in several of the important products of Southern California. Accurate estimates of the citrus crop are difficult to make at this time, owing to the fact that the fruit at present is the same color as the leaves. Reports from most of the large growers have been received by the railroad companies, indicating that the crop will be at least 30,000 carloads, with a value of \$20,000,000 or more. What part of this will be shipped out of the state has not been estimated. A considerable increase in the walnut crop is reported, and it is expected that it will reach 14,000,000 pounds this year, with a value of \$1,680,000.

### IN CENTRAL WEST VIRGINIA

Small fruits have been cultivated with some measure of success in Central West Virginia for years but it has been since the advent of the spray pump four years ago that we have learned of the boundless possibilities our part of the state possesses in the development of the fruit growing industry. Eight of the seventeen exhibitors of fruit at the St. Louis world's fair in 1904 from Lewis county, W. Va., won bronze medals and a ninth won a silver medal. Not a single medal was won on unsprayed apples. Again at the annual show held at Martinsburg by the state horticultural society last November Lewis county growers won eight bronze medals out of a possible thirty-two. Six of the eight were won by apples from Shadyside farm, the home of the writer.



JAMES HANDLY  
Quincy, Ill.; Originator of National Apple Day

### FRUIT GROWERS' PROTEST

The Porto Rico Fruit Growers' Association has appealed to the executive council at San Juan against the proposed new freight tariff of the American Railroad Company, which will become effective in November.

The association claims that an increase amounting to from 200 to 300 per cent. over the present rate would be ruinous to the development of the fruit industry. The railroad traverses thousands of acres of pineapple and orange lands from which the first shipments were made this year. Under the terms of the company's franchise the power to fix rates is vested in the executive council.

The apple is the staple orchard fruit of the North; 55 per cent. of all the fruit trees of the United States are apple trees. The apple represents 85 per cent. of the value of the fruit crops of the United States.

The Kentucky Nursery Company has been incorporated with \$30,000, divided into \$100 shares. The incorporators and their holdings are: F. Boone Gardiner, 215 shares; M. L. Gardiner, 10 shares; R. L. Cullen, 75 shares.

Henry Clay Cupp, Fall Creek, Ill., who was chairman of the little body of fruit growers who organized the American Apple Growers' Congress four years ago, attended the recent annual meeting of the organization in St. Louis.

### MR. BURBANK'S STENOGRAPHER

Edna H. Burbank, daughter of Mr. and Mrs. Edmund H. Burbank, who for nearly three years has been stenographer in the office of the Hayes Track Appliance Co., Geneva, N. Y., has gone to California, where she will become the private secretary of Luther Burbank, the "wizard of horticulture."

Mr. Burbank lives in the outskirts of the quiet little town of Santa Rosa, which is located fifty miles north of San Francisco. Since the fame of Luther Burbank as a plant breeder, has become national, Santa Rosa has come to be the mecca of many tourists who wish to visit Mr. Burbank in his workshop. As these visitors take up a large part of Mr. Burbank's time, the entertainment of guests by showing them the grounds and explaining Mr. Burbank's work will form a large part of Miss Burbank's duties.

It was by a decidedly unusual manner that Miss Burbank secured the position. Until recently, Luther Burbank was known to her, only as a great man who did all sorts of things with plants. She had looked up the Burbank genealogy, however, and found that the family was very small and that they sprang from the same parental stem on New England soil. One time in a mood principally inspired by curiosity, she wrote to the great Luther to see if the kinship suggested by their names really existed. The letter was sent and in the course of time Miss Burbank received a gracious reply from Mr. Burbank which paved the way for a correspondence that continued for some months.

The inquiry did not result in unearthing a closer relationship than that both families came from the same section of Massachusetts, where the Burbanks were particularly numerous, but it made way for an acquaintance which resulted in Mr. Burbank giving Miss Edna an excellent position. Miss Burbank will live in Mr. Burbank's family which consists only of himself and aged mother. Mr. Burbank is a bachelor, 60 years of age, and his mother is now nearly 90. He is building a new house in which a room is being fitted up especially for Miss Burbank.

Only six of the original members who organized the Arkansas Horticultural Society on May 14, 1879, are alive to-day, and one of that number is a resident of the state of Washington. At that time there were practically no orchards, and really none commercial. Growing strawberries and peaches for sale was looked upon as the height of folly. Now, from the education disseminated and examples set, hundreds of carloads are shipped every year, besides thousands of carloads of apples, melons, potatoes and tomatoes.

### WELL WORTH ONE DOLLAR

HIRAM GREGORY, Lockport, N. Y., Sept. 10.—"Inclosed find one dollar currency, for which place credit and continue my subscription to AMERICAN FRUITS for two years. It is easier to enclose a one dollar note than fifty cents in silver, and certainly you are justified in raising the price of AMERICAN FRUITS to one dollar a year as it is well worth it to any one interested in nursery or fruit growing."

## AMERICAN FRUITS

An international monthly Nursery Trade Journal, circulating throughout the United States and Canada and in foreign countries, covering every branch of the industry. A Business Journal for Business Men.

PUBLISHED BY THE

**American Fruits Publishing Company**

16 State Street, Rochester, N. Y.

RALPH T. OLCOTT

E. J. SEAGER

Chief International Publication of the Kind

"American Fruits Sets the Pace."

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To Foreign Countries, in advance, . . . . .	1.50
Single Copies, . . . . .	.15

Advertising rates will be sent upon application. Advertisements should reach this office by the 15th of the month previous to date of publication, to ensure best location.

Drafts on New York, or postal orders, instead of checks, are requested.

Correspondence from all points and articles of all kinds, of interest to the Nursery Trade, and allied topics are solicited.

Rochester, N. Y., Oct., 1906

### NURSERY ASSOCIATIONS

**American Association of Nurserymen**—President, Orlando Harrison, Berlin, Md.; secretary, George C. Seager, Rochester, N. Y.

**American Nurserymen's Protective Association**—President, R. C. Berckmans, Augusta, Ga.; vice-president, A. L. Brooke; secretary, Thomas B. Meehan, Dreshertown, Pa.; treasurer, Peter Youngers. Meets annually in June.

**American Retail Nurserymen's Protective Association**—President, Charles J. Brown, Rochester, N. Y.; secretary, Guy A. Bryant, Princeton, Ill. Meets annually in June.

**Association of Oklahoma Nurserymen**—President, J. A. Lopeman, Enid, Okla. Terr.; secretary, C. E. Garee, Noble, Okla. Terr.

**Canadian Association of Nurserymen**—President, E. D. Smith, Winona; Secretary, C. C. R. Morden, Niagara Falls.

**Eastern Association of Nurserymen**—President, W. C. Barry, Rochester, N. Y.; secretary-treasurer, William Pitkin, Rochester, N. Y. Meets annually in January.

**National Association of Retail Nurserymen**—President, William Pitkin, Rochester, N. Y.; secretary, F. E. Grover, Rochester, N. Y.

**Nurserymen's Mutual Protective Association**—President, N. H. Albaugh, Phoneton, O.; secretary, George C. Seager, Rochester, N. Y. Meets annually in June.

**Pacific Coast Association of Nurserymen**—President, F. W. Power, Chico, Cal.; secretary-treasurer, C. A. Tompesson, Tacoma, Wash. Meets annually in June.

**Pennsylvania Nurserymen's Association**—President, W. H. Moon, Morrisville, Pa.; secretary, Earl Peters, Mt. Holly Springs, Pa.

**Southern Nurserymen's Association**—President, John A. Young, Greensboro, N. C.; Secretary, Charles T. Smith, Concord, Ga.

**Tennessee Nurserymen's Association**—President, J. C. Hale, Winchester; secretary, G. M. Bentley, Knoxville.

**Texas Nurserymen's Association**—President, E. M. Kirkpatrick, McKinney, Tex.; secretary, F. W. Malley, Garrison, Tex.

**Western Nurserymen's Association**—President, Peter Youngers, Geneva, Neb.; secretary, E. J. Holman, Leavenworth, Kan. Meets in July and December at Kansas City.

**West Virginia Nurserymen's Association**—President, W. A. Gold, Mason City; secretary, R. R. Harris, Harpersville.

### FRUIT ASSOCIATIONS

**American Apple Growers Congress**—President, H. M. Dunlap, Savoy, Ill.; secretary, T. C. Wilson, Hannibal, Mo.

**American Cranberry Growers Association**—President, Rev. E. H. Durell, Woodbury, N. J.; secretary, A. J. Rider, Philadelphia, Pa.

**American Federation of Horticultural Societies**—President, William H. Barnes, Topeka, Kan.; secretary, Charles E. Bassett, Fennville, Mich.

**American Pomological Society**—President, L. A. Goodman, Kansas City, Mo.; secretary, John Craig, Ithaca, N. Y.

**Fruit Growers' Association of Prince Edward Island**—President, Rev. A. E. Burke, Alberton; secretary, A. E. Dewar, Charlottetown.

**Fruit Growers Association of Ontario**—President, A. McNeill, Ottawa, Canada; secretary, P. W. Hodgetts, Toronto.

**International Apple Shippers Association**—President, C. H. Weaver, Chicago, Ill.; secretary, A. Warren Patch, Boston, Mass.

**Mississippi Valley Apple Growers Association**—President, C. H. Williamson, Quincy, Ill.; secretary, James Handly, Quincy, Ill.

**Missouri Valley Horticultural Association**—President, George W. Holsinger, Argentine, Kan.; secretary, H. E. Chandler, Argentine, Kan.

**National Horticultural Council**—Chairman, J. C. Vaughan, Chicago; secretary, H. C. Irish, St. Louis.

**National League of Commission Merchants**—President, George F. Mead, Boston; secretary, A. Warren Patch, Boston, Mass.

**National Nut Growers' Association**—President, E. W. Kirkpatrick, McKinney, Tex.; secretary, J. F. Wilson, Poulton, Ga.

**Northwest Fruit Growers Association**—President, E. L. Smith, Hood River, Ore.; secretary, M. Hoffman, La Grande, Ore.

**Nova Scotia Fruit Growers Association**—President, Ralph S. Eaton, Kentville, N. S.; secretary, S. C. Parker, Berwick, N. S.

**Western Fruit Jobbers Association**—President, E. M. Ferguson, Duluth, Minn.; secretary, E. B. Branch, Omaha, Neb.

### TARIFF ON NURSERY STOCK

Nursery stock importers and growers are much perturbed over the constantly increasing conflicts with the United States customs authorities regarding the values to be placed on entries for dutiable purposes. Under the tariff regulations, customs officers are required to levy an ad valorem duty on nursery stock and kindred lines on "the actual market value and wholesale price of the merchandise at the time of exportation to the United States."

Importers of nursery stock allege that this requirement works a hardship on the buyers of foreign products for the reason that strictly speaking there is no "foreign market value" for most of the importations of this kind. In this respect, nursery stock was declared recently to differ from many other classes of foreign imports.

So serious has the situation become in the estimation of the trade that many importers, including also the large growers of the United States, favor an appeal to the Treasury Department, asking the restoration of a former practice whereby importers were advised by the government what values would be accepted by appraising officers as foreign market value.

Importers say that a rule of this kind would put an end to existing differences and save thousands of dollars now paid out in extra duties and penalties. It was said late in August that the Treasury Department discontinued the practice of giving information because the administration reached the conclusion that it was no function of the government to advise importers how to invoice their goods.

### ASSOCIATION COMMITTEES

In the last column of our second editorial page we publish the chairmen of standing committees of the American Association of Nurserymen, as named by President Orlando Harrison. This is the first publication of the official list.

On September 1st, after the September issue of AMERICAN FRUITS was in the hands of its subscribers, President Harrison issued a statement in which he named not only chairmen but all the members of the standing committees. That this announcement was premature is shown by his subsequent action in naming only the chairmen.

It will be remembered that at the annual convention in Dallas the Association decided that the president should name only the chairmen and that the chairmen should name the members of the committees, with due regard to location of residence and adaptability for the special work, so as to insure working committees and practical results.

This was the excellent suggestion by former President Albertson, and the Association heartily and immediately concurred therein. The committee on President Albertson's address was a special one, composed of J. W. Hill, J. H. Dayton, T. B. Meehan, F. H. Stannard and J. Horace McFarland. This committee reported as follows:

"The president has suggested, in his admirable address, that a chairman be selected for each of the appointive standing committees, with power to call for help from any member of the Association who shall thereupon be considered a member of that committee. This recommendation we endorse."

The Association promptly and unanimously adopted the report of this committee.

It was therefore a surprise to receive from President Harrison a full list of committees, accompanied by a memorandum of suggestion, to be sure, but nevertheless published by at least one publication as the president's list.

The fact that the spirit and intention of the Association as to personnel of the committees was not apparent in the recommendations by President Harrison seemed to indicate that the chairmen of the committees had not been consulted.

That the attention of President Harrison was directed to these facts was indicated by his action soon afterward in announcing the appointment simply of the chairmen of committees, in accordance with the wishes of the Association.

### GREAT CALL FOR REFORM

Successful results of the orchardists' work bear directly upon the nursery business; for if the orchardist receives good prices for his fruit, he is encouraged to plant more nursery stock. For this reason nurserymen are especially interested in all that makes for the advancement of the fruit industry.

At the recent annual meeting of the American Apple Growers' Congress, the president, Senator Henry M. Dunlap, said upon the subject of packing apples for shipment:

"In this there is as great a call for reform and regulation as there was in the railroad rate matter or in the inspection of meats, both of which we have heard so much about in the past year. In my opinion all interstate shipments of apples at least should be subject to inspection by a government representative, whose duty it should be to pass upon the quality of the fruit and the pack."

"Along this line I call attention to what has been done by the Canadian government in this matter. The law there requires that the face of the barrel shall show the true quality of the contents. That if there is a variation of more than ten per cent from the quality in the body of the barrel as shown by the fruit on the face, the packer or seller shall be subject to a fine and imprisonment."

"With such a law and inspection of fruit by an authorized authority it would be easy to place the blame in any controversy over grade of fruit."

### FOR AMERICAN EXPORTS

D. O. Wiley of Detroit, president of the International Apple Shippers' Association, reports that the special tariff committee appointed at the annual convention at Niagara Falls, Aug. 11th, for the handling of the tariff matter as it relates to shipments to Germany of apples, natural and dried, has agreed to begin a campaign for the amendment and passage of the Payne bill.

Germany uses a large share of American apples and one of the most profitable exports to that country is the dried apple, of which the Germans are fond. Other countries have entered into agreements with Germany giving certain tariff privileges to German imports for other privileges in return. The United States failed to do this, and consequently, the German government can tax American apples entering Germany at \$1.65 a barrel, whereas under the mutual arrangement the tax would be only 50 cents.



The apple merchants of the United States secured the co-operation of apple merchants in Germany and the result was a *modus vivendi* whereby American apples were admitted at minimum duty pending action by congress.

The German government is reported to have become impatient of American delay in the matter, and threats to abrogate the provisional arrangement have been made. It is these threats that have stirred up American apple shippers to petition congress to prompt action.

President Wiley says he has no doubt the bill and amendments asked for will be granted when congress is shown the immense value of the apple trade both to America and Germany.

### BY FAR THE BEST

Editor AMERICAN FRUITS:

Gentlemen—I have not subscribed for years to any Horticultural Journal as I get them all by advertising. However I consider your journal by far the best of its kind I ever read and want to see you prosper and maintain it and keep it up to its present high standard.

I was impressed with its report of the recent National Convention of Nurserymen at Dallas, Texas. I want the paper and enclose you subscription, \$1.00 for the two years.

Please acknowledge receipt of the subscription and oblige,

W. F. SCHELL,

Proprietor Wichita Nursery,

Vice-Pres't State Horticultural Society of Kansas.

Wichita, Kan., Sept. 12, 1906.

AMERICAN FRUITS is celebrated for its promptness. You can send a subscription in the morning and receive a receipt the next day. Try it.

We take pleasure in presenting in another column a portrait of James Handly, the originator of National Apple Day. AMERICAN FRUITS was one of the first publications to approve the proposition.

"The fruit growers of New York have given a new industry to the East. The grain growing and cattle raising of an early day have gone West. I believe fruit growing in New York will rank above any other industry."—H. W. Collingwood.

There were ninety news items in the September issue of AMERICAN FRUITS. No other nursery trade journal had more than thirty-four.

You can have twelve months of this triple superiority for \$1.00. Why don't you try?

Here is another of the many expressions of appreciation that reach us daily:

"AMERICAN FRUITS is worth more to us than any other paper of its class that comes to our desk."—Peyton & Barnes, proprietors Boonville Nurseries, Boonville, Mo., September 10, 1906.

A heavy demand upon barrel factories has resulted from the large fruit crops.

Samuel T. S. Williams, a well-known fruit grower of Knightstown, Ind., is harvesting the largest apple crop on his farm, east of that city, that he has ever raised. He attributes much of his success to systematic spraying of trees.

## A WORD FROM THE BUSINESS MANAGER

The month just passed has brought to us renewed and increasing evidence of appreciation. Subscriptions are coming in liberally from nurserymen in all sections of the country and many of them take occasion to express their approval of AMERICAN FRUITS in terms that are very gratifying. We value most highly such proofs of esteem and are moved to speak a few plain words as to Nursery Trade Journalism and the requisites for its success, not merely as an individual enterprise, but its success in advancing the interests of the nursery trade.

Manifestly such a journal must be well edited and of a character to interest nurserymen. It must publish comprehensive news in a digested readable form dealing intelligently with all questions of current interest and in short place in the hands of the nurserymen so much information regarding his own business that he must feel that a real personal need is satisfied by the regular arrival of his trade journal.

Nor is this all. A journal meeting all these requirements fully will not accomplish its mission if the publishers are satisfied to print only a few copies in answer to the demand of those who are quick to appreciate and to act. The subscription department must receive constant attention and no means may be neglected to secure a circulation adequate to the importance of the industry and the number engaged in it. The subscription man must be constantly vigilant until he gets returns reading like this:

"I have enjoyed the sample copies of AMERICAN FRUITS received from time to time. My subscription should have been entered long ago. No nurseryman should fail to have it come to his desk regularly. I enclose price for two years."

From the very outset it was our determination to cover the field thoroughly, and so lively an interest was at once manifested that we were astonished, and by continued effort we have been able to maintain the largest circulation of any Nursery Trade Journal. These are not ill-considered words. Our information being complete we feel that members of the trade have a natural interest in knowing the facts and that advertisers have a vital interest.

Many have already read the signs correctly and are governing themselves accordingly. One of the many recently said to us in conversation: "I never told you, did I, how my advertising in AMERICAN FRUITS paid? Well I tell you now that it paid big. I am just selfish enough not to give you an autograph letter, as others in line would jump in, too. You can use the statement in a general way, however, and any doubters who may inquire you may refer to me."

Competition in any line results in direct advantage to those who pay the freight. Nurserymen everywhere have been benefitted since AMERICAN FRUITS entered the lists and set the pace. More comprehensive news relating to the nursery trade has been more widely circulated, and now that it is so important that nurserymen everywhere be fully informed of the splendid achievements of the American Association of Nurserymen so that as many as possible may be induced to join and give their support for the carrying on of the work, it will not be denied that AMERICAN FRUITS has rendered valuable service to all in interest.

## AMERICAN ASSOCIATION OF NURSERYMEN

President, Orlando Harrison, Berlin, Md.; vice-president, J. W. Hill, Des Moines, Ia.; secretary, George C. Seager, Rochester, N. Y.; treasurer, C. L. Yates, Rochester, N. Y. Executive Committee—Emery Albertson, Bridgeport, Ind.; J. H. Dayton, Painesville, Ohio; F. H. Stannard, Ottawa, Kansas.

Transportation—W. C. Reed, Vincennes, Indiana.

Tariff—J. C. Hale, Winchester, Tenn.

Ways and Means—J. W. Hill, Des Moines, Iowa.

Legislation—R. C. Berckmans, Augusta, Ga.

Programme—Eugene Stark, Louisiana, Mo.

Publicity—J. M. Irvine, St. Joseph, Mo.

Exhibits—Thomas B. Meehan, Dreshertown, Pa.

National Council of Horticulture—Charles J. Maloy, Rochester, N. Y.

Arrangements—Charles A. Ilgenfritz, Monroe, Mich.

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## NATIONAL CONGRESS OF HORTICULTURE

Plan for Sessions at Jamestown Exposition in Autumn of 1907—To Consider Topics of Horticultural Interest in Their Broadest Meaning—To Bring Scattered Branches Into Union—Addresses by Leading Specialists—Opportunity for Sessions of National and District Societies—Every Courtesy To Be Extended.

H. C. IRISH, Secretary National Council of Horticulture.

The National Council of Horticulture, embracing as it does, the broad interests of horticulture, has had under consideration the matter of a National Congress of Horticulture to convene at Jamestown, Virginia, sometime during the Exposition period.

In view, therefore, of the interest manifested by a large number of persons, representing various branches of horticultural activity, it has been deemed expedient to arrange for a National Congress of Horticulture to convene at the Jamestown Exposition, during the Autumn of 1907. The purpose of such a gathering is to consider topics of horticultural interest in their broadest meaning and to bring the more or less scattered branches into more closer union and with a view that such a gathering would add inspiration and profit to all participants and others who are in attendance and should be the means of dignifying and advancing horticulture in all of its departments. In addition to the representatives of broader interests, it is proposed to include in the assemblage, leading specialists of the various divisions of horticultural work, who will consider topics of interest to the specialist, either before regular, or special meetings of the

several national societies, in case they arrange to hold a meeting at this time. Otherwise, such topics will be presented before departmental or sectional meetings of the Congress representing the particular subject.

The Exposition, situated as it is in the midst of a field, rich in horticultural products and easily accessible to a very large number who are interested in one or more branches of this great industry, should insure an attendance commensurate with the interest involved. The Exposition Company, together with the Norfolk Horticultural and Pomological Society, guarantees every possible courtesy, and facilities which will make the meeting place ample and convenient. Any society arranging to meet in affiliation with this congress may hold their regular sessions independently and without conflicting

with any of the sessions of the congress.

All persons interested in any phase of horticulture are therefore asked to cooperate in this movement and all local, state and national societies are invited and urged to be represented either by holding their regular session, or by duly authorized delegates. It is hoped that this congress will bring together a multitude of horticulturists that could hardly be expected to come together in any other manner, and that a goodly number of the national societies will decide to hold a regular session during the week in which the congress is in session.

### TO DESTROY 1,824 TREES

J. Elliott Coit of the horticultural department of Cornell University, who has been making an investigation of the orchards of Niagara county, N. Y., to determine what trees are diseased, has completed his work. Mr. Coit had the assistance of two other horticulturists in making his investigations.

He reports that he has marked 1,824 peach trees for destruction. Of this number, 1,350 trees were found to be infected with the disease known as little peach and 474 with yellows. All these trees will be extirpated, to check, if possible, the further spread of the diseases.

G. L. Tyler of Tyler Bros., the Kimberly, Mo., nurserymen, was in Twin Falls recently on business. Mr. Tyler was formerly with the Olden Fruit Company of Missouri, and was also secretary of the South Missouri Horticultural Society. He has devoted his life to the growing of fruit trees and is an enthusiast on the subject. Tyler Bros. now have 30,000 trees at their Kimberly nursery.

## YOU ARE JUDGE

Whether you pay us for 100 lbs., about 13 gallons, Takanap at \$4.50 less freight in the East or not. We will send it on approval because U. S. government and State Experiment Stations prove that Takanap Soft Naptha Soap makes best emulsion to

### KILL SAN JOSE SCALE and INSECTS

Takanap is used by Creameries, Dairies, Steam Laundries and for household purposes. Thayer-Hovey Soap Co., Darby, Pa.

## BARGAINS

In Dwarf Pears.

## BARGAINS

In Plums and other stock.

If interested, write or call upon

**Sears, Henry & Co.**

Geneva, N. Y.

## Box Straps

Soft, Strong, Light, Easily Applied

A wire nail can be driven through without previous punching. Cheapest and best on the market.

Write for Price List

**Ward - Dickey Steel Co.**  
Indiana Harbor, Ind.

Manufacturers of Planished Sheet Steel

## RAFFIA

RED STAR BRAND

The Nurseryman's grade in long white strong strands in braided hanks. Stock always on hand. About quality ask your neighbor. About price ask us.

**McHUTCHISON & CO.**  
17 Murray St. NEW YORK CITY

## DON'T FORGET

We are still in the NURSERY business. Our specialties are growing Grape Vines and Currants in large quantities. We know how to grow them right, and our good grading and packing is what sells them.

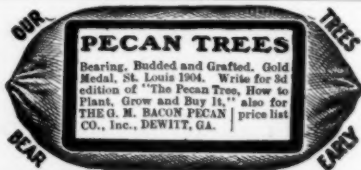
Let me quote you prices on your wants.

**F. E. SCHIFFERLI, Fredonia, N. Y.**

**Oakland Nurseries,** Columbia, Tennessee

FRUIT AND ORNAMENTAL TREES, PLANTS,  
VINES, SHRUBS, ROSES, EVERGREENS.

The most complete assortment we have ever grown at Lowest Prices. Planters send lists of wants before placing your order. Dealers let us bill your orders. Agents Wanted. Mention AMERICAN FRUITS.



## TIVERTON NURSERIES

TIVERTON, COSHOCTON CO., O.

Have a fine lot of 2, 3 and 4 year Apple in 40 varieties to offer for Fall and Spring. A special lot of 2,000 4 year York Imperial at right price. Also Red June, Abundance and Burbank Plum. Carolina Poplar 1 year up to 10 feet. List ready now. Address,  
**Winslow & McDonald, Tiverton, O.**

## Field Grown Roses Ornamental Shrubs Iris and Paeonies

Trade List Now Ready

**The United States Nursery Co.**

RICH, MISS.

## Catalpas Black Locust

Tulip Poplar, Sweet Gum, Black, White and Japan Walnuts, Witch Hazel, Silver Maple, White Elm, Mulberry, Althea, Calycanthus, Yucca and a large stock of Forest Tree and Shrub seeds and seedlings for nurserymen, parks and private grounds.

**Forest Nursery & Seed Co.**

McMinnville, Tenn.



## ARE WHOLLY AT SEA

**Importers of Nursery Stock Cannot Depend Upon Tariff Rates—Grievances Arising From Many Reappraisals—Prices Vary Among Growers Across the Water—Remedy Suggested.**

As matters stand at the present time, however, importers of nursery stock are wholly at sea as to what prices will be received by the appraising officers as correct foreign market value.

A representative of the nursery interests recited the grievances of the trade as follows:

Within the last few months there have been a great many reappraisals by single general appraisers and boards of appraisers regarding values of lily bulbs, plants and nursery stock imported into the United States. Importers of these classes of goods are very much disturbed over existing conditions, as they are frequently compelled to pay penalties ranging from 10 per cent. to upward of 50 per cent., the latter involving a seizure.

I will illustrate conditions by saying that no two nurserymen on the other side have the same price for identical stock, which price is dependent upon the quantity of the several kinds of stock grown by them. Thus one nurseryman having a large acreage of young apple trees, will ask a lower price therefor than his neighbor, who may have very few plants of the same variety, but who will offer a correspondingly low price for cherries, plums, or other varieties of stock, of which he has a large quantity.

These conditions apply with equal force to the many varieties of plants such as lilies, hyacinths etc., and among the hundreds of nurserymen scattered throughout Europe there are as many as twenty different values placed on identically the same article.

An importer of these goods in this country has no means of knowing the market value of the different varieties of plants or bulbs other than the price actually paid for them by him, this being a condition which does not exist in regard to any other class of merchandise coming into the United States. I think the government should return to the practice of advising us what prices it deems market values.

A custom house official expressed himself as favoring the former practice of the

government in advising importers what prices it deemed foreign market values.

"Recognizing the difficulties of the nursery importers," said the officer, "the Treasury Department formerly authorized the appraisers at the different ports to inform importers on application, what was the accepted market value of any variety of plants upon a given date."

## AS OTHERS SEE THEM

While the Southern Nurserymen's Association was in session on Lookout Mountain the Chattanooga News published gossip about prominent members of the association as follows:

Hon. Orlando Harrison, president of the association, is one of the most prominent citizens of the state of Maryland. He is a member of the state legislature of his state and mayor of Berlin, his native town. He is also an officer of a leading banking institution of Berlin and besides being president of the Southern Nurserymen's Association he is also president of the American Nurserymen's Association. The name "Orlando Harrison" is a synonym among the nurserymen and fruit growers of the United States, and he probably operates the largest nurseries in the country. He has been in the nursery business for twenty years.

## ONE OF THE LARGEST

C. T. Smith, secretary-treasurer of the association, is a member of the nursery firm of Smith Bros. of Concord, Ga., which firm probably grows more trees than any firm in the state. He has been in the business all his life and he learned a great deal about the fruit business from his father, who was also a prominent nurseryman.

## AN AUTHORITY

J. Van Lindley of Pomona, N. C., is one of the largest growers of fruit trees in the south. Mr. Van Lindley is one of the best posted nurserymen on the San Jose scale and the inspection of trees in the country and is considered a leading authority on these subjects.

## HON. J. C. HALE

Hon. J. C. Hale of Winchester, Tenn., is one of the largest growers of peach trees in the south, and his sales are not confined to the southern states, but he makes large sales in many of the states of the north, east and west.

The name of Mr. Hale has been used in connection with the Republican nomination for Congress in the Third District, but he positively declined to run. He was a member of Congressman Brownlow's state committee and has always taken an active interest in state and local politics.

## AN OLD FIRM

G. H. and J. C. Miller of Rome, Ga., are among the oldest nurserymen in the south. They operate under the firm name of G. H. Miller & Sons, and they make a specialty of growing Elberta peach trees.

## SEEMS ALMOST WICKED

M. J. GRAHAM, Adel, Ia.—"Herewith one dollar currency in renewal of my subscription which is now a few months in arrears and for one year in advance.

"You are certainly publishing an elegant and valuable journal, and it seems almost wicked to take advantage of your very liberal offer; yet after losing one-half of our apple and pear crop by half, the fifty-cent rate strikes us just right."

## THE

## Oakland Nurseries

Will make special prices for immediate orders on Peach and Apple trees in car lots for late fall delivery.

We also have a fine lot of shrubbery, including Berberry Thunbergii.

Don't fail to send us your want list for Special Prices

**C. R. Burr, Prop.**

Manchester

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## Peach Seed

Headquarters for Peach Seed from all sections and grades in carload lots or less. Send for catalogue and samples.

**W. W. Wittman & Co.**

117 Hanover Street

Established 1859

BALTIMORE, MD.

## California Privet

## Asparagus Roots

## Dwarf Box

Will be pleased to quote prices for Fall or Spring delivery. Stock guaranteed to be first class. Prices right.

**C. A. BENNETT**

Robbinsville, New Jersey

## 4,000,000 PEACH TREES

J. C. HALE, Prop. Tennessee Wholesale Nurseries  
WINCHESTER, TENN.

Large Stock of Apple, 1 Year Pear and Cherry

WRITE FOR PRICES

## 5000 Field Grown Roses

Strong first-class plants, H. P. Crimson Rambler and Dorothy Perkins varieties, also

**Peach Trees**, budded from varieties in my own and other orchards. The best kinds for commercial planting. Prices on application—address,

**A. D. PRATT, Pittsford, N. Y.**

## Graves Peach

An Early Yellow Freestone Ripening a week before Crawford's Early. Trees from the originator have seal attached. Prices free.

ORIGINATOR

**W. J. GRAVES, PAINESVILLE, OHIO**

**J. K. Henby & Son**

## PANHANDLE NURSERIES

GREENFIELD, INDIANA

Offer a General Assortment of Nursery Stock including

Apple, Pear, Plum, Cherry and Peach  
in Car Lots

ALSO SMALL FRUITS, HARDY SHRUBS, VINES, ROSES, EVERGREENS, SHADE TREES, RHODODENDRON, Etc. CATALPA SPECIOSA and BLACK LOCUST SEEDLINGS.

Packing and storage facilities unexcelled. Allow us to price your list of wants. Liberal terms to Dealers.

**J. K. Henby & Son**

**Greenfield, Indiana**

## George H. Whiting Nurseries

A general stock of Hardy Northwestern Varieties that will succeed anywhere. It will pay you to get my Free Descriptive Catalogue. It is accurate, concise and original, and based upon 25 years' experience in South Dakota. The best of its kind in the Northwest to-day.

Geo. H. Whiting, Prop., Lock Box 1108, Yankton, S. Dak.

## Trees

Bale 'em up on the Simplex Baler It does the work on Large and Small sized Bales. At the Dallas Meeting the Baler made many new Friends. Your money back if not satisfied. Price \$16.00

**L. F. Dintelmann, Belleville, Ill.**

200,000 Apple and Pear Scions

When writing to advertisers please mention AMERICAN FRUITS.

## GREATEST GRAPE GROWING REGION

Lake Erie Belt Comprises 30,000 Acres of Vineyards Producing Annually from 80,000 to 100,000 Tons of Grapes, or 6,500 to 9,000 Carloads—Growers are Producing Four Tons of Grapes per Acre and Selling at \$25 per Ton.

Louis McKinstry, chairman of the reception committee that welcomed the members of the New York State Fruit Growers' Association at their mid-summer meeting in Fredonia, N. Y., August 30th, said in the course of his address of welcome:

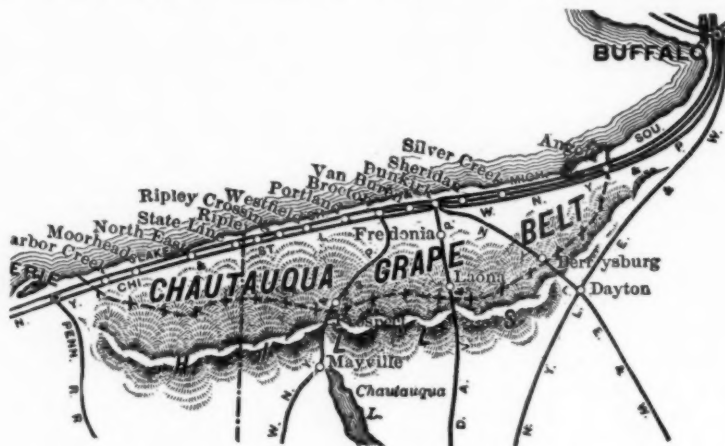
You find yourselves to-day near the center of the greatest grape growing region in the United States. This belt, as we call it, extends along the shore of Lake Erie, from 25 miles this side of Buffalo to near the city of Erie, Penn., about 55 miles long and 3 to 6 miles wide. It is estimated to comprise 30,000 acres of vineyards, producing annually from 80,000 to 100,000 tons of grapes, or 6,500 to 9,000 carloads, according to the season. It is at present a prosperous industry. When a farmer can produce four tons of grapes from an acre of land and sell them for \$25 per ton, he is doing a good business. Many of our growers have done that, and we expect that many will do it this year.

A few years ago the price was very low, down to six cents for a nine pound basket. The grower paid two cents for the basket, two cents more for picking and packing, and most of the rest went for hauling and commissions. Finally a very good man came to me and said: "There is only one way out. If the wicked growers will all go to making wine, I think we good people might find a better market for our table grapes and make some money."

His suggestion was followed and besides the wine industry a large business preparing the unfermented juice has grown up, and now a quarter or more of our grape crop is converted from a perishable into an imperishable product, and the grape markets are no longer glutted.

President T. B. Wilson, of Hall's Corners, presided. There were addresses by

F. E. Dawley, S. S. Crissey, S. J. Lowell, W. A. Holcomb and Linus Woolverton. On the second day of the convention the



delegates were taken to visit all the nurseries of Fredonia and through several large vineyards, as well as to Brocton on a trolley ride. R. B. Griffith of the nursery firm of Foster & Griffith, was chairman of the committee in charge.

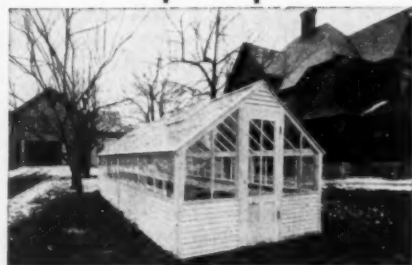
The trip of inspection was made in the forenoon to the nurseries of the T. S. Hubbard Co., Geo. E. Josselyn, Foster & Griffith, Wheelock & Clark and Lewis Roesch, all large producers of grape vines and small fruits for the trade, and in the

afternoon vineyards and wine cellars, at Fredonia and Brocton and between the two places, were visited. Fully a thousand acres of bearing vineyards were looked over by the visitors.

Germany reports the largest crop of fruit in twenty years but states that the fruits are selling at comparatively high prices because of the general consumption of farm and orchard products as a result of the scarcity of meats.

Good Wealthy apples sold in Iowa last month in the apple country for \$1 per barrel. It is the opinion of apple men that buyers who secure Wealthies now and place them in cold storage can secure big advances in price later in the fall, for the Wealthy is a popular variety.

Fruit growers of Jefferson county, Colorado, are complaining because of the fact that there is no horticultural inspector in that county. A demand is to be made upon the board of county commissioners that they comply with the state law providing for such an inspector.



## The Premier Greenhouses

Are practical in every detail. You see we are specialists in greenhouse construction and know how to build houses for any purpose. There is that durability—yet portability, practical utility—yet artistic appearance about the Premiers that no others have—and yet the price is far below any. We build houses for fruit growers, plant growers and others. Will you get further particulars about them?

ASK FOR CATALOGUE No. G-49.

Chas. H. Manley

**Premier Mfg. Works**

ST. JOHNS, MICH.

## W. T. Hood & Co.

Old Dominion Nurseries

RICHMOND, VA.

Nurseries: Henrico and Hanover Counties

Offer for  
Fall 1906 and Spring 1907

**PEACH TREES**—Budded on Natural Peach Seedlings.

**STANDARD PEARS**—Nice assortment, Kieffer especially.

**CALIFORNIA PRIVET**—Fine plants.

And General Line of Nursery Stock.

We have on hand about 200 bushels Natural Peach Pits, Crop 1905, and expect in due season our usual supply of this year's crop. We have been handling these seeds for years with universal satisfaction.

CORRESPONDENCE SOLICITED

## P. SEBIRE & SON

Nurserymen, Ussy, Calvados, France

Offer a general assortment of **Fruit Tree Stocks**, such as Apple, Pear, Myrobalan Plum, Mahaleb and Mazzard Cherry, Angers Quince, **Small Evergreens**, **Forest Trees**, **Ornamental Shrubs**, **Roses**, Etc. The largest stock in the country. Prices very low. Grading and packing the very best. Send for quotations before placing your orders. Catalogue free.

**C. C. ABEL & CO.**

Agents for United States and Canada

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## One Million Trees

200 varieties of Apple, 100 varieties of Peach, also large stock of other fruits, and Ornamental Trees. Write us. We will do our best to please you.

Nurseries at Carrollton and Jerseyville, Ill.

**JOHN A. CANNEDY, N. & O. CO.**

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## J. H. Skinner & Co.

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TOPEKA, KANSAS

We Offer Apple, Cherry, Peach, Plum, Apricot, Kieffer and Garber Pear

## Seedlings

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Shade Trees, Weeping Mulberry, Bechtel's Double Flowering Crab, Flowering Shrubs, Roses, Vines

GRAPES, CURRANTS, RHUBARB, ASPARAGUS



## THE APPLE CROP

The Boston Chamber of Commerce, in its annual preliminary report of the apple crop, says that a canvass of the New England States shows that fall varieties are in excess of last year; winter varieties, however, do not promise to be quite as plentiful. The Baldwins will be smaller than last season.

In Western New York the crop will be 50 per cent greater than last year, while in the Hudson river district the crop will be one-half of last year. The Michigan crop will be heavy, and in the Middle West the crop will be exceptionally large, and mostly of the Ben Davis variety. West Virginia and Virginia will produce 25 per cent of last year's crop and California and Oregon will turn out about the same as in 1905. The Canadian crop will be somewhat in excess of last year, and fall varieties will be plentiful, but Baldwins will probably be in no greater supply than last year. Nova Scotia will produce a crop 25 to 35 per cent larger than last year. Great Britain will produce a moderate crop, while Europe's crop will be decidedly in excess of last year.

With scarcely an exception, the quality of all apples this season promises to be fine. Sections reported as producing less than last year are unimportant when compared with

other localities, and the total harvest is expected to be greatly in excess of last year.



W. G. VINCENHELLER  
Vice-President American Association of Nurserymen

The Wyandotte County Mo., Fruit Growers' Association, which has been inactive the last three years, has been re-organized. J. K. P. Barker, secretary, said: "We've had the largest fruit crop this year the county has ever known. Not only is the apple and peach crop exceptionally large, but the quality of the fruit is superior to anything yet seen. The old orchards have disappeared and healthy young orchards have taken their place. The crop of small fruits this year has also been very large."

## ONLY ONE THAT SHOWS PROFIT

AMERICAN FRUITS is the only strictly Nursery Trade Journal whose yearly balance sheet shows a profit.

Yet its circulation is the largest and its advertising rates are the lowest.

In less than three years' time it has outstripped all competitors.

Attracted by the belief that he could make more money growing fruit in Texas than in California, S. S. Cage, a capitalist of that state, is in Texas for the avowed purpose of buying sufficient acreage in the fruit section to establish a mammoth fruit farm.

At a meeting of the Co-Operative Fruit Growers' Association, held in Toronto Canada, a resolution was adopted calling upon all members and fruit growers in general to exercise reserve in disposing of their fruit crop. In other words, in spite of the predicted large crop of apples in this country and the United States, the growers believe they will receive good prices for their fruits, particularly apples.

The summer meeting of the Franklin-Hampshire Fruit Growers' Association was held at Hillside Orchards, Haydenville, Mass., last month. It was the largest gathering of fruit growers ever held in the western part of the state, notwithstanding the fact that the weather was unfavorable. In addition to the inspection of the orchards, there were some interesting exhibits of apple evaporating machinery made by the Hunt Manufacturing Company of Greenfield, which were in charge of George H. Wilkins, treasurer of the company, assisted by an expert from Monroe county. The Gould Spray Pump Company of Seneca Falls, New York, made an interesting exhibition of spray pumps. G. M. Bradford exhibited apple barrels and boxes. The fruit and flower exhibit was very

## Nebraska Grown

American Plum

European Plum

Apple, Pear, Peach, and

Cherry Trees

Large Stock of Shade and Ornamental Trees,  
Snowball, Syringa, Spirea, Deutzia, etc.  
Forest Tree Seedlings well graded and prices  
right.

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YOUNGERS &amp; CO.

Geneva, Neb.

## H. J. Weber & Sons Nursery Co.

Growers of GENERAL NURSERY STOCK  
250 Acres

NURSERY, MO.  
(Near St. Louis)

Fine lot of Apple, 3 and 2 year, Peach, Pear, Cherry, Plum and Small Fruits coming on for Fall 1905 and Spring 1906. Also a full line of Ornamental Trees, Shrubs, Vines, Roses, (H. P. Everblooming, Climbing, etc. all on own roots), Hardy Perennials, etc. **Grand Prize** awarded our display of Ornamental Trees and Shrubs at the Louisiana Purchase Exposition. SEND FOR DESCRIPTIVE CATALOGUE.

## ONE YEAR CHERRY

Do not forget we are headquarters for ONE YEAR CHERRY. We will have a fine lot for next fall as well as two-year trees for those who prefer them. We also have a nice lot of Peach, Plum, Pear, etc. Planters will do well to get our prices before buying. Send for our Cherry circular.

## KNOX NURSERIES

H. M. SIMPSON &amp; SONS, Proprietors

VINCENNES, INDIANA

## JUNE BUDDDED PEACH

Elberta, Carman, Greensboro and all leading varieties guaranteed true to name.

General Line of Nursery Stock at Wholesale Prices

Best of References Furnished

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## Heikes-Huntsville-Trees



HUNTSVILLE WHOLESALE NURSERIES  
HUNTSVILLE, ALA.

We offer for the Fall of 1906 and Spring of 1907,  
PEARS, PLUMS, CHERRIES, PEACHES, ROSES  
PECANS, JAPANESE PERSIMMONS and MAGNOLIA  
GRANDIFOLIA in large quantities as usual.

*Some Figures*—It is estimated that there are imported  
into the United States annually 5,000,000 pear seedlings  
and 10,000,000 Mahaleb seedlings. Of these we plant  
one-fifteenth of the Mahalebs and one-tenth of the pears.

SEE OUR PRICE LIST FOR PARTICULARS

WORLD'S FAIR—We were awarded a Grand Prize and a Gold Medal on our  
exhibits at the World's Fair, St. Louis.

Address W. F. HEIKES, Mgr., Huntsville, Ala.

## The G. L. Knight Nurseries

LAWRENCE, KAN.

Offer for Fall and Spring shipment a full line of

Fruits, Roses,  
Shrubs and  
Ornamentals

Their Specialties Are

APPLE, PEACH AND APRICOT

## IN NURSERY ROWS

### SEARS, HENRY & CO.'S PURCHASE

Sears, Henry & Co., Geneva, N. Y., have purchased the last two plantings made by Peirson Brothers of Waterloo, N. Y., located about one and one-half miles southwest from Waterloo, and about five miles east of Geneva, N. Y.

The planting of 1905 consists of the following: 80,000 apples to bud, 128,000 apple grafts, 25,000 pears, 10,000 dwarf pears, 20,000 plums, 15,000 peaches, 5,000 roses, 5,000 currants, 2,500 gooseberries, with some birch, maples, etc.

The 1904 planting was made up of 83,000 apple grafts, 46,000 apples to bud, 38,000 pears, 16,000 dwarf pears, 44,000 plums and 30,000 cherries.

Harvesting of dates from the orchard at Tempe, Ariz., was completed last month. The orchard is an experiment; the yield was 4,000 pounds.

Up to September 15th, according to Southern Pacific freight officials, 4,000 cars of green fruit had been sent to points east of the Rocky Mountains. They expect an additional 1,500 carloads before the season ends. In their opinion these 5,500 cars of deciduous fruit represent a market value of \$5,500,000.

The cranberry growers in the vicinity of Riverhead, L. I., are in the midst of their picking season. The berries are looking fine, far superior to those of last year. They are equal to the finest Cape Cod fruit. The average crop is about 200 bushels to the acre, and there are from 125 to 130 acres under cultivation. The total crop will run to over 25,000 bushels, and the average price to the grower is from \$2 to \$3 per bushel.

Prof. U. P. Hedrick is in the Western New York grape fields studying the effect of grape rot, which is quite general this year.

Shipments from Southern California for September 7th, 8th, 9th and 10th were thirty-two carloads oranges and nineteen carloads lemons. Total to date, 25,377 carloads.

"Quincy, Ill., is in the midst of the largest peach harvest ever known in this vicinity and now the odd sight of wagon after wagon load of fine peaches being sold on the streets for less than potatoes or tomatoes is a daily occurrence," says an exchange.

It is of interest to know that J. H. H. Boyd, Irving College, Tenn., makes a specialty of collecting and distributing deciduous tree and shrub seeds, and both nursery-grown and collected seedlings of ornamental stock, vines, creepers, evergreens, nuts and ferns.

It is reported that the price of oranges will be high this winter owing to the failure of the California crop, caused by late frosts in the south. The crop will run about 25 per cent. shorter than that of last year, and about 40 per cent. lower than the normal crop.

In a darkened basement of the Kansas Masonic home in West Wichita, Kan., 2,700 quarts of the finest product of a Kansas orchard is uniformly ranged along long narrow shelves. Fruit of every description, peaches, pears, grapes, apples, cherries, berries of every variety, jams, the luster of which tempts the appetite of the visitor, represent the efforts of Matron Mrs. James Sneddin and members of the home family.

Benton Harbor, Mich., sent 50,000 packages of fruit to Chicago and other points on the night of September 10th; of this number 34,000 were of grapes.

W. M. French of New York is exporting large quantities of Bartlett pears to London and the prices received in that market have been highly satisfactory.

Representatives of P. Ruhlman & Co., New York, are touring the orange orchards of California, with a view to ascertaining the condition of the orange crop and the probable yield.

Apples to the extent of 6,000 carloads per day were going into Chicago last month. Illinois alone sent 3,000 barrels per day. Trainloads came from the west and boatloads from Michigan. California also shipped apples to Chicago.

The United Fruit Company issues a preliminary statement of estimated income for the fiscal year to end September 30th which shows net earnings of \$3,647,000, compared with \$1,532,805 previous year, and surplus earnings for year of \$2,414,000, compared with \$465,013 previous year. Net earnings amounted to 20 1-2 per cent. upon stock, compared with 9.3 per cent. previous year.

The apple crop in the Annapolis, Nova Scotia, Valley and other sections in eastern Canada, which usually contribute a large percentage of the world's supply, is much below the average this season, due to the dry weather of the past summer, to frequent hail storms and to insect pests. The lightest crop is the Gravensteins. In western Ontario, another important apple region, the crop is said to be large.

## Don't Neglect "SCALECIDE" Fall Spraying is Best

Will Positively Destroy **SAN JOSE, COTTONY MAPLE SCALE, PEAR PSYLLA, Etc.**

Without Injury to the Trees. Samples, Prices and Endorsement of Experiment Stations on Application.

**B. G. PRATT CO., Dept. F.**

**11 Broadway, NEW YORK CITY**

### Millions of Seedlings

Black Locust, Catalpa, Elm, Maple, Russian Mulberry.

For fall of 1906 and spring of 1907. It will pay you to contract early.

**J. A. Gage Beatrice, Neb.**

### "EVERYTHING IN SMALL FRUIT PLANTS"

**Strawberries, Raspberries, Dewberries, Blackberries, Currants, Gooseberries, June Berries, Wine Berries, Buffalo Berries, etc.**

**Garden Roots**—Sage, Horse Radish, Rhubarb, Asparagus.

**Cuttings**—Currants, Gooseberries, Grapes, California Privet, Quince. Wholesale List to Nurserymen Only. Our Stock is all Good and Prices Reasonable. Write us.

**W. N. SCARFF**

**NEW CARLISLE, O.**

### THE Sneed Wholesale and Retail Nurseries

JOHN F. SNEED, Proprietor

Tyler, Texas

Grower of an immense General Nursery Stock of finest varieties, such as Apple, Peach, Plum, Apricot, Prunes, Almond, Figs, Japanese Persimmons, Sweet Pomegranates, Grapes, Blackberries, Strawberries, etc. Also Shade Trees, Evergreens, Roses, California Privet, and great many other Shrubs and Vines. Write for Wholesale List. Address

**John F. Sneed Tyler, Tex.**

### SNEED & WOOD

Swan and Tyler, Tex.

Growers of the "Yellow Swan" and "Augbert" peach trees. The most valuable market peaches we know. Write for descriptions and prices, either to C. W. Wood, Swan, Tex., or John F. Sneed, Tyler, Tex.

1857

## L. G. Bragg & Co.

1906

Growers of No. 1 Nursery Stock



ALSO MANUFACTURERS OF

### Bragg's Common Sense Tree Digger and Jumbo Cultivator

The Jumbo does fine work from start to finish. The operator rides over the tops of 3 and 4 year trees and the Digger gets all of the roots at the rate of 20 to 40 thousand trees per day.

**L. G. Bragg & Co.**

KALAMAZOO, MICH.



## RECENT PUBLICATIONS

**THE TREE BOOK.**—A popular guide to a knowledge of the trees of North America and to their uses and cultivation. This is one of the latest publications by Doubleday, Page & Co. of New York, in their valuable series of Nature books. It is a quarto volume of 589 pages illustrated with sixteen colored plates and 160 in black and white from photographs by A. Radclyffe Dugmore; it has a glossary, appendix, table of contents and index.

The author is Julia Ellen Rogers, who proceeds at the outset to show that most persons know the sugar maple, the elm, the chestnut, the Lombardy poplar and the willow; therefore each person has a good nucleus of tree knowledge around which to accumulate more.

"If people have the love of nature in their hearts—if things out of doors call irresistibly at any season, ways and means will be found for studying trees. The beginner doesn't know exactly how and where to begin. There are great collections of trees here and there. The Arnold Arboretum, in Boston is the great denorological Noah's Ark in this country. It contains almost all the trees, American and foreign, which will grow in that region. The Shaw Botanical Garden, in St. Louis, is the greatest inland assemblage of trees. Parks in various cities bring together as large a variety of trees as possible and these are often labeled with their English and botanical names for the benefit of the public. Yet the places for the beginner are in his own dooryard, the streets he travels four times a day to his work, and woods for his holiday, though they need not be forests. Arboreta are for his delight when he has gained some acquaintance with the tree families; but not at first. The trees may all be set out in tribes and families and labeled with their scientific names. They will but confuse and discourage him. There is not time to make their acquaintance. They overwhelm with the mere number of kinds. Great arboreta and parks are scarce. Trees are everywhere. The acquaintance of trees is within the reach of all."

In this way the reader is re-assured after his first glance at the size of the book and the long table of contents and index of botanical names. The author explains that the characters to note in studying trees are leaves, flowers, fruits, bark, buds, bud arrangement, leaf scars and tree form. The simplicity of each of these characteristics is clearly shown. She proceeds by easy stages from one to another of the kinds of trees under the heading, "How to Know the Trees."

Part II. is devoted to forestry; Part III. to the uses of wood, wood preservation, the finishing of wood and wooden papers; Part IV. to the life of the trees, showing the work of the leaves, the growth of a tree, the fall of the leaf and how trees spend the winter.

Under the head of forestry the author tells of forestry in the United States, describes a lumber camp of to-day and discusses profitable tree planting, the wood lot that pays, the transplanting of trees, how trees are multiplied and measured, the pruning of trees and the enemies of trees.

While "The Tree Book" is written in a popular style, it will be of much interest to the nurseryman and will prove a pleasureable and valuable addition to his library. All who are especially interested in landscape work and ornamental stock should certainly have this book. It is uniform in style and binding with the publishers' other Nature books, which include "American Animals," "The Insect Book," and "Nature's Garden." Cloth; 4 to.; illustrated; pp. 589; \$4.00. New York: Doubleday, Page & Co.

## WHEELOCK &amp; CLARK

FREDONIA, N. Y.

## GRAPE VINES and CURRANT PLANTS

A SPECIALTY

CORRESPONDENCE SOLICITED



## TREES, PLANTS, Etc.

We have a fine lot of One-Year Old and June Bud Peach Trees, One and Two-Year-Old Apple, Pear, Cherry and Plum Trees, Grape Vine, Shrubbery, Roses, etc. Also all kinds of Small Fruit Plants. Strawberry Plants by the Million. Write for Catalogue.

Chattanooga Nurseries, Chattanooga, Tenn.

## WOOD LABELS

—Of All Kinds for—  
NURSERYMEN and FLORISTS

BENJAMIN CHASE, 11 Mill St., DERRY, N. H.

## Grafted Pecan Trees

WE MAKE A SPECIALTY of the improved large paper and soft-shell varieties of pecans to the Trade. Write for trade price list or submit list of wants for special quotations.

THE NUT NURSERY CO.

J. F. JONES, Mgr. and Prop'r.

MONTICELLO, FLA.

**STARK TREES** FOR 81 YEARS  
THEIR RECORD—HIGHEST QUALITY,  
LOW PRICE. We offer the only GENUINE STOCK of the  
superb new fruits: KING DAVID, DELICIOUS, BLACK BEN,  
CHAMPION and SENATOR Apples; BANNER, SUNRISE, Grapes;  
GOLD Plum, FAME Pear, etc. Finest stock  
in the U. S. of all leading commercial sorts.  
We PAY Salesmen. Price-list, etc. FREE.

STARK  
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## GRAPE

All Old and New Varieties  
Immense stock warranted true. Quality  
unsurpassed. A fine stock of CAMPBELL'S  
EARLY. An extra fine stock and full as-  
sortment of varieties of CURRANTS and  
GOOSEBERRIES; also BLACKBERRY ROOT  
CUTTING PLANTS. Catalogue and Price  
List Free. Send list of wants for price.

## VINES

T. S. HUBBARD CO., Fredonia, N. Y.

## Hibiscus Syriacus Meehanii

WE NOW OFFER to the trade our new hardy variegated leaf Hibiscus Syriacus Meehanii. This plant attracted much attention when exhibited at the American Nurserymen's Convention at West Baden, Ind., and American Florists Exhibition at Asheville, N. C. Foliage beautifully variegated; never sun-scalds or reverts to the green; flowers single, very large, satiny lavender; blooms during four months; prices on application. Orders booked now.

P. J. BERCKMANS CO., Inc.

FRUITLAND NURSERIES

AUGUSTA, GEORGIA



BUDDING KNIFE No. 94. Sample by mail, 25c.; 6 for \$1.25



GRAFTING KNIFE No. 2, 20 cts.

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KNIVES

Hand Forged

Razor Steel

Warranted

Nursery Pruner, 50 cts.  
Pocket Pruner, 60cts.  
Pocket Budder, 35cts.  
Pocket Grafter, 40cts.

We Solicit Direct Trade

Send for 12-Page Special Nursery Catalogue

# BABY RAMBLERS

Are you in line on this EVERBLOOMING specialty?

If not you are losing a most valuable opportunity. These Baby Ramblers are not only free sellers themselves by reason of their extreme beauty, but a profusion of them about your grounds will increase sales of other stock in your nurseries.

*Remember that we control exclusively the original stock of this grand novelty, which has no rival.*

WE WOULD SAY TOO, THAT

## Our General Catalogue of Nursery Stock

SHOULD BE IN YOUR HANDS



WHERE BABY RAMBLERS ARE GROWN—Brown Brothers Company, Rochester, N. Y.

We concede to none ability to suit your wants better than we can do with our ample facilities for growing, handling and shipping.

*Soil and climate* are in our favor and these with unremitting care in growing stock and an undeviating policy of FAIR, SQUARE treatment have all combined to make the CONTINENTAL NURSERIES famous.

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## BROWN BROS. CO., ROCHESTER, NEW YORK



## WHOLESALE PRICE-LIST for FALL 1906 and SPRING 1907

Is Now Ready and will be Sent on Request to Anyone  
in the Trade.

### Roses, Clematis, Tree Hydrangeas Paeonias, Phlox, Iris

Are offered in large supply and fine assortment,  
in addition to our usual stock of young, clean,  
thrifty, carefully-grown

SHRUBS, SHADES, PERENNIALS, CONIFERS, FRUITS, Etc.

Visitors are always welcome; we invite personal inspection

## JACKSON & PERKINS CO.

NEWARK, NEW YORK

Nurserymen and Florists Wholesale Only

## Bridgeport Nurseries

WE OFFER FOR  
FALL 1906 AND SPRING 1907

An extra large and fine stock of FRUIT AND ORNAMENTAL TREES, PLANTS, VINES, SHRUBS, ROSES, EVERGREENS, WEEPING TREES, etc., the most complete assortment we have ever grown, and one of the most complete in the central states.

In car-load lots we have to offer a full line of SHADE TREES, APPLE, PEACH, PLUM, PEAR, CHERRY, etc.

Our usual stock of Apple and other  
Fruit and Forest Tree Seedlings

A large stock of PLUM, PEAR AND CHERRY for shipment from Dansville, New York, as well as Bridgeport.

EXCELSIOR (dry-baled) the cheapest and best packing material for use in shipping or storage.

The Best and Cheapest Spades  
Box Straps—Soft Steel

Best of Storage and Shipping Facilities

PERSONAL INSPECTION INVITED

Trade list ready about September 1st. Lists of  
wants priced on application, and special prices  
quoted on early orders.

## Albertson & Hobbs

Bridgeport, Marion Co., Ind.

## For Fall of 1906

We offer a complete line of Fruit and Ornamental Trees,  
Shrubby, Roses, Etc. A special fine stock of the following at very low prices

Catalpas	Norway Spruce	Hydrangea (Trees)
American Elm	Altheas	Tree Lilacs
Ash-Leaf Maple	Almonds	Snowballs
Silver Maple	Calycanthus	Spireas
Weir's C. L. Maple	Deutzias	Wistaria
Carolina Poplars	Honeysuckle	Tree Roses
California Privet	Hydrangea P. G.	H. P. Roses
	Crimson Rambler Roses, Etc.	

WRITE US FOR QUOTATIONS. WE CAN SAVE YOU MONEY.

H. S. TAYLOR NURSERY CO.

ROCHESTER, N. Y.

## R. C. PETERS & SONS

Ironshire, Maryland

(SUCCESSORS TO)

W. M. Peters' Sons, Snow Hill, Md.

Bell Telephone connections in Office. Telegraph Office, Berlin, Md.

Offer for Fall 1906

Peach Trees, more than fifty varieties, 1 year from bud; upwards  
of a million fine trees. California Privet, large stock. Grape  
Vines, 30 acres, 1 and 2 years, well graded, varieties in greatest  
quantity. Concord's. Moore's Early and Niagara.

Send in your List of Wants for Special Prices

## TREES

Fruit, Shade and Ornamental Trees, Evergreens, Roses,  
Shrubs, Etc.

Wholesale and retail.

Long list of varieties suitable to all sections.

Full line for Fall, 1906.

Dealers trade a specialty.

Peach Seed, California Privet.

Send Us Your List of Wants for Prices.

Franklin Davis Nursery Co.

BALTIMORE, MD.

## The L. Green & Son Co.

Perry, Lake County, Ohio

Offer for Fall a general and complete line of the wants of the trade,  
including a good assortment of

Standard and Dwarf Pear, European,  
Japan and Native Plum

A fine lot of

Peach and Cherry

Also a fine stock of Ornamental Trees, Shrubs, Vines, Roses,  
Evergreens and Herbaceous and Perennial Plants.

Correspondence Solicited and Inspection Invited

# BUY OUR BUDDED APPLE TREES

## WHY?

Because They Are Grown on the Very Best Seedlings, on Apple Soil, Well Matured, Smooth, Well Rooted, Good Body and Tops and Guaranteed as Fine as Can be Grown

1 to 1 1/2 inch	3/4 to 1 inch		1 to 1 1/2 inch	3/4 to 1 inch		1 to 1 1/2 inch	3/4 to 1 inch	
1000	500	Alexander	500	1000	Gravenstein	200	500	Red June
500	500	Arkin	500	1000	Jonathan	200	500	Wealthy
5000	5000	A. G. Russett	—	1000	Newtown	500	3000	Winter Banana
500	500	Baldwin	500	500	N. Spy	—	1000	Wagner
100	500	Dutchess	200	500	Red Astrachan	200	500	Wolf River
100	500	E. Harvest	200	500	R. I. Greening	—	500	William's Favorite
100	500	E. Ripe	200	500	Rome Beauty	—	500	Yellow Transp.
100	500	Fameuse	200	500	Rox. Russet			

Our  
10,000 Budded  
KIEFFER  
PEARS  
are Dandies

1 to 1 1/2 Inch  
6 to 7 feet

3/4 to 1 Inch  
5 to 7 feet



CHERRY  
on  
Mazzard Root  
1000  
Early Richmond  
and  
1000 Montmorency

3 yr., 1 inch up  
2 yr., 3/4 up  
2 yr., 5/8 to 3/4

WE RUN OUR DIGGER DEEP AND YOU GET THE ROOTS

Why we grow PEACH TREES is because we have choice peach soil and our men have learned the business. They get the profit, we get the fun and worry, and will get some profit when the advance in price comes.

5/8 inch 5 to 6 ft.	9-16 inch 4 to 6 ft.		5/8 inch 5 to 6 ft.	9-16 inch 4 to 6 ft.		5/8 inch 5 to 6 ft.	9-16 inch 4 to 6 ft.	
500	500	Deny	2000	1000	Carman	1000	—	New Prolific
1000	1000	Belle Ga	2000	1000	Champion	500	500	Niagara
1000	1000	Brays	2000	1000	C. Early	1000	1000	Old Mixon
1000	1000	Bilgen	2000	1000	Elberta	2000	1000	Reeves' Favorite
1000	1000	Chairs	2000	1000	Fox	2000	1000	Salnay
1000	1000	C. Late	1000	1000	Hills Chili	2000	1000	Smock
2000	1000	Yellow St. John	2000	1000	Mt. Rose	2000	1000	Stump

**J. G. Harrison & Sons, Berlin, Maryland**